Environment Canada Environnement Canada

Surface Water Data

Yukon and Northwest Territories

Données sur les eaux de surface

Yukon et Territoires du Nord-Ouest

1981

Metric Commission Canada has granted use of the National Symbol for Metric Conversion. The metric usage in this text has been reviewed by the Metric Screening Office of the Canadian General Standards Board.

La Commission du système métrique Canada a autorisé l'utilisation du symbole national de conversion au système métrique. Le Service du contrôle métrique de l'Office des normes générales du Canada a revisé l'utilisation du système métrique dans cette publication.

INLAND WATERS DIRECTORATE
WATER RESOURCES BRANCH
WATER SURVEY OF CANADA
OTTAWA, CANADA, 1982

DIRECTION GÉNÉRALE DES EAUX INTÉRIEURES
DIRECTION DES RESSOURCES EN EAU
DIVISION DES RELEVÉS HYDROLOGIQUES DU CANADA
OTTAWA, CANADA, 1982

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PREFACE

This publication was prepared by personnel of the Water Survey of Canada Division under the direction of the Director, Water Resources Branch, Department of the Environment, Ottawa.

The basic data were collected and compiled under the supervision of the Chief, N.W.T. Programs, Yellowknife, N.W.T. and the Regional Chief of the Water Resources Branch at Vancouver, British Columbia.

The co-operation received from provincial agencies and from other organizations is gratefully acknowledged.

PRÉFACE

La Division des relevés hydrologiques du Canada, sous l'autorité du Directeur des ressources en eau du ministère de l'Environnement (Ottawa), a préparé la présente publication.

On a recueilli et compilé les données de base sous la supervision Chef des programmes des T.N.-O. Yellowknife (T.N.-O.) et du Chef régional de la Direction des ressources en eau, à Vancouver (Colombie-Britannique).

On remercie vivement les organismes provinciaux, ou autres, pour la coopération qu'ils ont apportée.

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INTRODUCTION

The Water Resources Branch of the Department of the Environment herein presents for the 1981 calendar year, the results of the hydrometric survey investigations which were made in the Yukon and Northwest Territories by the Water Survey of Canada.

Details on individual stations and related records, as well as recent data which have not yet been published, may be obtained upon application to:

Chief, N.W.T. Programs,
Inland Waters Directorate,
Department of the Environment,
P.O. Box 2970,
Yellowknife, N.W.T.
X0E 1H0

Regional Chief,
Water Resources Branch,
Department of the Environment,
Room 502,
1001 West Pender Street,
Vancouver, B.C.
V6E 2M9

or to the Director, Water Resources Branch, Department of the Environment, Ottawa, Ontario, K1A 0E7.

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INTRODUCTION

La Direction des ressources en eau du ministère de l'Environnement présente, pour l'année civile 1981, les résultats des relevés hydrométriques que la Division des relevés hydrologiques du Canada a effectués au Yukon et dans les Territoires du Nord-Ouest.

En s'adressant aux endroits ci-après, on peut obtenir des renseignements supplémentaires sur certaines stations particulières et divers relevés, ainsi que des données récentes non encore publiées:

Chef des programmes des T.N.-O.
Direction générale des eaux intérieures
Ministère de l'Environnement
C.P. 2970
Yellowknife (T.N.-O.)
X0E 1H0

Chef régional
Direction des ressources en eau
Ministère de l'environnement
502 – 1001, rue Pender ouest
Vancouver (C.-B.)
V6E 2M9

ou au Directeur, Direction des ressources en eau, ministère de l'Environnement, Ottawa (Ontario), K1A 0E7.

ORGANIZATION AND HISTORY OF HYDROMETRIC SURVEY OPERATIONS

During 1981, the hydrometric surveys in the Yukon and Northwest Territories were conducted by the Water Survey of Canada under agreement with the Department of Indian Affairs and Northern Development.

In the Northwest Territories information on water levels is available at a few locations primarily in connection with navigation, as early as 1934 but it was not until 1944 that the Dominion Water and Power Bureau of the federal government started a regular hydrometric survey program. Similarly, in the Yukon Territories, some early records are available, the earliest being in 1902 on the Yukon River, collected by the navigation company, but it was not until 1944 that regular hydrometric work was started by the federal government. On April 1, 1975 by an exchange of letters the Ministers of Fisheries and the Environment and Indian Affairs and Northern Development agreed to share the cost of hydrometric survey programs for the Yukon and Northwest Territories. The agreements provide that the Water Survey of Canada will conduct the hydrometric surveys and that Co-ordinating Committees for the Yukon and Northwest Territories will review and plan the survey network.

ORGANISATION ET HISTORIQUE DES RELEVÉS HYDROMÉTRIQUES

En 1981, la Division des relevés hydrologiques du Canada a effectué des relevés hydrométriques au Yukon et dans les Territoires du Nord-Ouest en vertu d'un accord conclu avec le ministère des Affaires indiennes et du Nord.

Dans les Territoires du Nord-Ouest, les premiers relevés sur les niveaux d'eau, qui découlent des opérations de navigation en certains endroits, datent de 1934; le Bureau fédéral de l'eau et de l'énergie n'a entrepris sont programme continu d'observations qu'en 1944. De façon analogue, c'est en 1944 que le gouvernement fédéral a mis sur pied un programme permanent de mesures au Yukon; toutefois, certains relevés antérieurs sont disponibles et les premiers datent de 1902 alors que la compagnie de navigation effectuait des lectures sur le fleuve Yukon. Le 1er avril 1975, par un échange de lettres, les Ministres des Pêches et de l'Environnement et des Affaires indiennes et du Nord ont accepté de partager le coût des relevés hydrométriques au Yukon et dans les Territoires du Nord-Ouest. Selon les dispositions prises, la Division des relevés hydrologiques du Canada dirigera les relevés hydrométriques tandis que les Comités de coordination pour le Yukon et les Territoires du Nord-Ouest s'occuperont de la révision des relevés et de la planification du réseau de mesures.

CO–OPERATION AND ACKNOWLEDGMENTS

Co-operative undertakings with other agencies form an important part of the activities of the Water Survey of Canada. Close co-operation has been maintained with public agencies and private organizations concerned with water resources. Runoff and other data have been mutually exchanged and stream-gauging operations have been facilitated by the assistance received from a number of organizations.

On waters adjacent to the International Boundary, certain gauging stations are maintained by Canada (or the United States) under agreement with the United States (or Canada) and the records are collected and compiled in a manner equally acceptable to both countries. These stations are designated as "International Gauging Stations" in this publication.

For the valuable assistance and co-operation received in obtaining hydrometric survey records, the Water Survey of Canada is indebted to the following organizations:

Federal – Northern Canada Power Commission;
Ministry of Transport;
United States Geological Survey.

COOPÉRATION ET REMERCIEMENTS

Le travail entrepris en coopération avec d'autres organismes représente une partie importante des activités de la Division des relevés hydrologiques du Canada. On a maintenu une étroite collaboration avec les organismes, publics ou p . és, qui s'intéressent aux ressources en eau. On a échangé des données portant sur l'écoulement ou sur d'autres points, et l'assistance fournie par beaucoup d'organismes a facilité les opérations de jaugeage.

Pour ce qui est des eaux adjacentes à la frontière internationale, certaines stations de jaugeage dépendent du Canada (ou des États-Unis) suite à un accord avec les États-Unis (ou le Canada), et les relevés sont faits et compilés de façon à satisfaire les deux pays. Ces stations sont nommées «Stations internationales de jaugeage».

La Division des relevés hydrologiques du Canada est redevable aux organismes suivants de l'aide et de la collaboration précieuses qu'ils lui ont apportées lors de la prise des relevés hydrométriques:

Niveau fédéral – Commission d'énergie du Nord canadien,
Ministère des transports,
United States Geological Survey.

CONVERSION FACTORS

The following list of convenient equivalents of measure gives the relationship between imperial units and the International System of Units (SI).

1 inch equals 2.54 cm (centimetres)
1 foot equals 0.3048 m (metre)
1 statute mile equals 5280 feet
1 statute mile equals 1.6093 km (kilometres)

1 cm (centimetre) equals 0.393 70 inch
1 m (metre) equals 3.2808 feet
1 km (kilometre) equals 0.621 37 mile

1 acre equals 43 560 square feet
1 acre equals 0.404 69 ha (hectare)
1 square mile equals 2.5900 km^2 (square kilometres)
1 square mile equals 640 acres

1 ha (hectare) equals 10 000 m^2 (square metres)
1 ha (hectare) equals 2.4710 acres
1 km^2 (square kilometre) equals 0.386 10 square mile

1 cubic foot equals 6.2288 imperial gallons
1 imperial gallon equals 0.160 54 cubic foot
1 imperial gallon equals 4.546 09 L (litres)
1 U.S. gallon equals 0.133 68 cubic foot
1 imperial gallon equals 1.2010 U.S. gallons

1 cubic foot per second for one day equals 1.9835 acre-feet
1 cubic foot per second for one day covers one square mile to a depth of 0.037 19 inch
1 acre-foot equals 1.2335 dam^3 (cubic decametres)

1 foot per second equals 0.6818 mile per hour
1 mile per hour equals 1.467 feet per second

1 cubic foot per second equals 0.028 317 m^3/s (cubic metre per second)
1 m^3/s (cubic metre per second) equals 35.315 cubic feet per second

1 pound equals 0.453 59 kg (kilogram)
1 kg (kilogram) equals 2.2046 pounds

1 short ton (2000 pounds) equals 0.907 18 t (tonne)
1 t (tonne) equals 2204.6 pounds

degrees Celsius = 5/9 (degrees Fahrenheit – 32)
degrees Fahrenheit = 9/5 (degrees Celsius) + 32

FACTEURS DE CONVERSION

Voici une liste des unités de mesure impériales et leurs équivalences dans le Système international d'unités (SI).

1 pouce vaut 2.54 cm (centimètres)
1 pied vaut 0.3048 m (mètre)
1 mille terrestre vaut 5280 pieds
1 mille terrestre équivaut à 1.6093 km (kilomètre)

1 cm (centimètre) équivaut à 0.393 70 pouce
1 m (mètre) équivaut à 3.2808 pieds
1 km (kilomètre) équivaut à 0.621 37 mille

1 acre équivaut à 43 560 pieds carrés
1 acre équivaut à 0.404 69 ha (hectare)
1 mille carré équivaut à 2.5900 km^2 (kilomètres carrés)
1 mille carré vaut 640 acres

1 ha (hectare) vaut 10 000 m^2 (mètres carrés)
1 ha (hectare) équivaut à 2.4710 acres
1 km^2 (kilomètre carré) équivaut à 0.386 10 mille carré

1 pied cube équivaut à 6.2288 gallons impérials
1 gallon impérial équivaut à 0.160 54 pied cube
1 gallon impérial vaut 4.546 09 L (litres)
1 gallon américain équivaut à 0.133 68 pied cube
1 gallon impérial équivaut à 1.2010 gallon américain

1 pied cube par seconde pendant un jour équivaut à 1.9835 acre-pied
1 pied cube par seconde pendant un jour équivaut à un volume d'un mille carré par 0.037 19 pouce
1 acre-pied équivaut à 1.2335 dam^3 (décamètres cubes)

1 pied par seconde équivaut à 0.6818 mille par heure
1 mille par heure équivaut à 1.467 pied par seconde

1 pied cube par seconde équivaut à 0.028 317 m^3/s (mètre cube par seconde)
1 m^3/s (mètre cube par seconde) équivaut à 35.315 pieds cubes par seconde

1 livre équivaut à 0.453 59 kg (kilogramme)
1 kg (kilogramme) équivaut à 2.2046 livres

1 tonne courte (2000 livres) équivaut à 0.907 18 t (tonne)
1 t (tonne) équivaut à 2204.6 livres

degrés Celsius = 5/9 (degrés Fahrenheit – 32)
degrés Fahrenheit = 9/5 (degrés Celsius) + 32

DEFINITION OF TERMS AND ABBREVIATIONS

"Control" is the condition downstream from a gauging station that determines the stage-discharge relationship. It may be a stretch of rapids, a weir or other artificial structure. In .he absence of such features, the control may be a less obvious condition such as a convergence of the channel or even simply the resistance to flow through a downstream reach. A shifting control exists where the stage-discharge relationship tends to change because of impermanent bed or banks.

"Cubic metres per second" (m^3/s) is a unit expressing rate of discharge. One cubic metre per second is equal to one cubic metre of water flowing past a particular point in one second. This is the basic unit in general use, other units being computed from it by the use of factors as given in the previous paragraph under "Conversion Factors".

"Gauging station" is a location where systematic records of stage or stage and discharge are obtained.

"Miscellaneous (or related) data" is all data not published in the regular series of hydrometric and sediment data publications such as unpublished water levels and the various parameters that are measured in obtaining discharge measurements, e.g. water depth, velocity, width, air and water temperatures, ice thickness. This also includes discharge measurements and water level and sediment observations obtained at locations which are not regular gauging stations. Various types of "derived" data could also be considered "miscellaneous", such as water levels and discharges at selected time intervals (usually hourly).

"Stage-discharge relationship" is the relation between the water level and the discharge at a gauging station.

PUBLICATION OF SURFACE WATER AND SEDIMENT DATA

Surface Water Data have been published in a variety of formats in imperial units since 1908 in approximately 270 publications which are now mostly out-of-print. Commencing with the 1979 publications, data are presented in the International System of Units (SI). However, the format has remained the same wherein Canada is divided into eight regions. The provinces each represent a separate region except for New Brunswick, Newfoundland, Nova Scotia and Prince Edward Island which together form the Atlantic Provinces region, and the Yukon and Northwest Territories which make up another. The publications are identified by the province(s) or territories covered and the year in which data were collected. These data are published annually on a calendar-year basis and the stations are listed alphabetically, with two years of data per page.

DÉFINITIONS DES TERMES ET ABRÉVIATIONS

«Élément régulateur» – élément qui conditionne l'écoulement en aval d'une station de jaugeage et qui détermine la relation hauteur-débit au niveau de la station. Ce peut être une série de rapides, un déversoir ou toute autre structure artificielle. En l'absence de ces structures, l'élément régulateur peut provenir d'une condition moins apparente comme le rétrécissement d'un chenal ou simplement la résistance à l'écoulement d'un tronçon situé en aval. Il y a élément régulateur changeant quand la relation hauteur-débit tend à être modifiée par un lit ou des rives instables.

«Mètres cubes par seconde» (m^3/s) – unité du taux d'écoulement. Un mètre cube par seconde équivaut à un mètre cube d'eau s'écoulant en un point donné en une seconde. C'est l'unité de base généralement employée, les autres unités dérivées à partir de celle-ci sont données sous la rubrique «Facteurs de conversion».

«Station de jaugeage» – lieu où l'on effectue des relevés systématiques de la hauteur ou de la hauteur et du débit de l'eau.

«Les données diverses (ou connexes)» – représentent toutes les données qui ne sont pas publiées dans les séries régulières des publications sur les données hydrométriques et les sédiments, par exemple celles des niveaux des eaux et des autres paramètres qui sont mesurés en même temps que le débit, soit la profondeur de l'eau, sa vitesse, son étendue, la température de l'eau et de l'air, l'épaisseur de la glace. Les mesures de débit ainsi que les observations sur les niveaux des eaux et les sédiments, obtenues à des emplacements autres que les stations régulières de jaugeage, sont aussi incluses. D'autres types de données «dérivées» pourraient aussi être classées dans cette catégorie de données «diverses», à savoir les niveaux des eaux et les débits observés à des intervalles de temps précis (en général, toutes les heures).

«Relation hauteur-débit» – relation qui existe entre la hauteur et le débit au niveau d'une station de jaugeage.

PUBLICATION DES DONNÉES SUR LES EAUX DE SURFACE ET LES SÉDIMENTS

Depuis 1908, les *Données sur les eaux de surface* ont été publiées, en utilisant diverses formules et en ayant recours au système d'unités impériales, dans quelque 270 publications lesquelles sont pour la plupart épuisées. À partir de 1979, les données sont fournies dans le Système international d'unités (SI). Toutefois, la présentation est toujours la même, c'est-à-dire que le Canada est divisé en huit régions. Chaque province représente une région distincte sauf le Nouveau-Brunswick, la Terre-Neuve, la Nouvelle-Écosse et l'Île-du-Prince-Édouard qui constituent la région des provinces de l'Atlantique, comme c'est le cas aussi pour le Yukon et les Territoires du Nord-Ouest qui sont réunis en une seule région. Les publications sont identifiées par le nom des provinces ou territoires concernés et par l'année de la cueillette des données. Les données sont publiées annuellement, en fonction de l'année civile, et les stations sont classées par ordre alphabétique, chaque page de données couvrant deux années.

The first edition of a *Surface Water Data Reference Index* was published for data to 1966 by province or region. Subsequent editions were published annually or biennially in one publication for Canada. Commencing with the 1979 publication, data are presented in the International System of Units (SI) and future editions will be published biennially. Gauging stations are listed by province or territory, in upstream to downstream order. Coloured maps showing the locations of both active and the discontinued stations were included in the first and second editions and were provided in a separate Hydrometric Map Supplement to the 1972 and the 1977 editions. The latest editions of the Reference Index and the Hydrometric Map Supplement supersede all previous editions.

The first edition of a publication series titled *Historical Streamflow Summary* was produced for data to 1970. Subsequent editions have been published every three years. This publication series contains a summary of historical monthly and annual mean discharges and annual extremes for the entire period of record for all stations where streamflow data have been collected during the history of the Water Survey of Canada. Data are published by province or region, as for the annual Surface Water Data publications. Commencing with the 1979 publications, data are presented in the International System of Units (SI) and future editions will be published every five years. The latest edition supersedes all previous editions since it contains any corrections or additions since the last publication.

The first edition of a publication series titled *Historical Water Levels Summary* was produced for data to 1976. This publication series contains a summary of historical monthly and annual mean water levels and annual extremes for the period of record to 1976 for all stations on lakes or reservoirs where water level data have been collected during the history of the Water Survey of Canada. It also contains a summary of water level data for all stations on rivers where "water levels only" were collected or for certain stations on rivers where streamflow data are collected, but the historical water level information is considered to be of sufficient demand to warrant inclusion in the publication (daily water levels for stations where streamflow data are collected are not normally published in the annual Surface Water Data publications). Data are published by province or region, as for the annual Surface Water Data publications. Commencing with the 1979 publications, data are presented in the International System of Units (SI) and future editions will be published every five years. The latest edition supersedes all previous editions since it contains any corrections or additions since the last publication.

During the years 1948–1960, some sediment data were collected for several prairie rivers to meet the demands of particular projects and the results included in the 1961 publication. All subsequent editions titled *Sediment Data Canadian Rivers* were published annually, the same as for the Surface Water Data publications but in one volume. Commencing with the 1978 publication, data are presented entirely in the International System of Units (SI) and will continue to be published on an annual basis.

La première édition de l'*Index de référence des données sur les eaux de surface* comprenait les données disponibles jusqu'en 1966, de chaque province ou région. Les éditions subséquentes étaient publiées annuellement ou tous les deux ans en une seule publication pour tout le Canada. À partir de 1979, les données sont fournies dans le Système international d'unités (SI) et les éditions subséquentes vont paraître tous les deux ans. Les stations de jaugeage sont présentées par province ou territoire et placées dans l'ordre de leur position, d'amont en aval. Des cartes en couleurs, qui indiquent l'emplacement des stations hydrométriques en service, y compris celles qui ne le sont plus, ont paru dans les première et deuxième éditions ainsi que dans le *Supplément de cartes hydrométriques* de 1972 et de 1977. L'édition la plus récente de l'*Index de référence* et celle du *Supplément de cartes hydrométriques* annulent les éditions antérieures.

La première édition d'une série de publications intitulée *Sommaire chronologique de l'écoulement* renfermait les données disponibles jusqu'en 1970. Les éditions subséquentes étaient publiées tous les trois ans. Cette série de publications renferme un résumé des moyennes mensuelles et annuelles des débits ainsi que les débits extrêmes annuels pour toute la période d'enregistrement et pour toutes les stations où des données de débit sont recueillies par la Division des relevés hydrologiques du Canada. Les données sont publiées par province ou région, comme c'est le cas pour les publications annuelles des données sur les eaux de surface. À partir de 1979, les données sont fournies dans le Système international d'unités (SI) et les éditions subséquentes vont paraître tous les cinq ans. L'édition la plus récente annule toutes les éditions antérieures, car elle renferme toutes les corrections et mises à jour depuis la dernière parution.

La première édition d'une série de publications intitulée *Sommaire chronologique des niveaux d'eau* comprenait les données disponibles jusqu'en 1976. Cette série de publications contient un résumé des niveaux moyens mensuels et annuels ainsi que des niveaux extrêmes annuels pour la période d'enregistrement allant jusqu'en 1976, pour toutes les stations de lacs ou de réservoirs où des données sur les niveaux d'eau sont recueillies par la Division des relevés hydrologiques du Canada. Elle renferme également un résumé des niveaux d'eau pour toutes les stations de rivières effectuant «uniquement» des relevés de niveaux d'eau ou pour certaines stations de rivières où des données de débit sont recueillies de même que des données sur les niveaux d'eau qui peuvent répondre aux besoins des utilisateurs (en général, les niveaux d'eau quotidiens de stations effectuant des relevés de débit ne sont pas publiées dans les publications annuelles des données sur les eaux de surface). Les données sont publiées par province ou région, comme c'est le cas pour les publications annuelles des données sur les eaux de surface. À partir de 1979, les données sont fournies dans le Système international d'unités (SI) et les éditions subséquentes vont paraître tous les cinq ans. L'édition la plus récente annule toutes les éditions antérieures, car elle renferme toutes les corrections et mises à jour depuis la dernière parution.

De 1948 à 1960, certaines données sur les sédiments étaient recueillies de divers cours d'eau des Prairies afin de répondre aux besoins de projets particuliers et les résultats paraissaient dans l'édition de 1961. Toutes les éditions subséquentes intitulées *Données sur les sédiments de rivières canadiennes* étaient publiées annuellement, comme c'est le cas pour les données sur les eaux de surface, mais dans un seul tome. À partir de 1978, les données sont fournies dans le Système international d'unités (SI) et la publication va paraître chaque année.

The first edition of a *Sediment Data Reference Index* was published for data to 1972. It contains a tabulation of locations where sediment data in Canada were collected by the Water Survey of Canada. The index has been subdivided alphabetically by province or territory, with sediment survey stations listed alphabetically. Commencing with the 1978 publication, data are presented in the International System of Units (SI) and will continue to be published biennially. The latest edition supersedes all previous editions since it contains any corrections or additions since the last publication.

The first edition of a new biennial publication series titled *Historical Sediment Data Summary for Canadian Rivers* was produced for data to 1974. This publication contains a summary of historical monthly and annual mean suspended sediment load, and annual extremes of daily suspended sediment concentration and loads and total annual suspended load. Commencing with the 1978 publication, data are presented entirely in the International System of Units (SI) and future editions will be published every five years. The latest edition supersedes all previous editions since it contains any corrections or additions since the last publication.

METHOD OF TABULATION OF SURFACE WATER DATA

For gauging stations where a systematic record of water level or discharge was obtained during the year under review, the following are given where available:

1. Table of daily water level or discharge;
2. Summary of monthly and annual data;
3. Descriptive information.

1. *The table of daily water level* or *discharge* gives the daily water level in metres or the daily discharge in cubic metres per second at the gauging station.

The following standard symbols are used opposite the daily stage or discharge to which they apply:

A – Manual Gauge – indicates that one or more manual gauge observations per day were obtained and used as the mean for the day for a gauging station equipped with a recording gauge. This symbol is used during open-water periods only.

B – Ice Conditions – indicates the presence of ice at the gauging station. For gauging stations where discharge data are obtained, this symbol indicates that the presence of ice has affected the stage-discharge relationship.

E – Estimated – indicates any estimated data. It indicates that the value was determined by some indirect method such as interpolation, extrapolation, estimation from a graph of observed readings, comparison with other streams or by comparison with meteorological data.

La première édition de l'*Index de référence des données sur les sédiments* renfermait les données disponibles jusqu'en 1972. Elle comprenait une mise en tableaux des emplacements où des données sur les sédiments sont recueillies au Canada par la Division des relevés hydrologiques. L'Index est subdivisé alphabétiquement par province ou territoire et les stations de relevés des sédiments sont classées en ordre alphabétique. À partir de 1978, les données sont fournies dans le Système international d'unités (SI) et sont publiées tous les deux ans. L'édition la plus récente annule toutes les éditions antérieures, car elle renferme toutes les corrections et mises à jour depuis la dernière parution.

La première édition d'une nouvelle série de publications paraissant tous les deux ans et intitulée *Sommaire chronologique des données sur les sédiments de rivières canadiennes* renfermait les données disponibles jusqu'en 1974. Cette série présente un résumé des moyennes mensuelles et annuelles de la charge de sédiments en suspension, des extrêmes annuels de la concentration quotidienne et de la charge quotidienne des sédiments en suspension, ainsi que de la charge totale annuelle des sédiments en suspension. À partir de 1978, les données sont fournies dans le Système international d'unités (SI) et les éditions subséquentes vont paraître tous les cinq ans. L'édition la plus récente annule toutes les éditions antérieures, car elle renferme toutes les corrections et mises à jour depuis la dernière parution.

PRÉSENTATION SOUS FORME DE TABLEAUX DES DONNÉES SUR LES EAUX DE SURFACE

Pour les stations de jaugeage où on a effectué, au cours de l'année étudiée, un relevé systématique du débit ou du niveau, les données suivantes sont présentées, pour autant qu'elles soient disponibles:

1. un tableau du niveau ou du débit quotidien;
2. un extrait des données mensuelles et annuelles;
3. des renseignements descriptifs.

1. *Le tableau du niveau* ou *du débit quotidien* donne la hauteur des eaux, en mètres ou le débit, en mètres cubes par seconde, mesuré à la station de jaugeage.

Les symboles normalisés donnés ci-après sont inscrits à côté des valeurs auxquelles ils se rapportent:

A – Jauge manuelle – indique qu'on a effectué à une station de jaugeage dotée d'une jauge enregistreuse au moins une observation par jour à l'aide d'une jauge manuelle et qu'on s'en est servi comme moyenne pour la journée en question. Le symbole n'est employé qu'au cours de périodes d'eau libre.

B – Glaces – indique la présence de glaces à la station de jaugeage, qui ont faussé la relation hauteur-débit.

E – Estimatives – indique une donnée estimative, c'est-à-dire qu'on a déterminé la valeur de façon indirecte, par exemple par interpolation, extrapolation, à l'aide de graphique, ou par comparaison avec d'autres cours d'eau ou avec des données météorologiques.

2. *A summary of monthly and annual data* is given below the table of daily data.

For stations where only water level data are obtained, both a monthly and annual summary are given.

The monthly summary gives:
(a) the mean water level in metres for complete months;
(b) the maximum and minimum daily water level in metres.

The summary for the year gives:
(a) the mean water level in metres for complete years;
(b) the maximum and minimum daily water levels and their dates of first occurrence where applicable;
(c) the maximum instantaneous water level and the time of occurrence where available.

For stations where discharge data are collected, both a monthly and annual summary are given.

The monthly summary gives:
(a) the total of the daily discharge values for complete months;
(b) the mean discharge in cubic metres per second;
(c) the total discharge in cubic decametres;
(d) the maximum and minimum daily discharges in cubic metres per second.

The summary for the year or period gives:
(a) the mean discharge in cubic metres per second;
(b) the total discharge in cubic decametres;
(c) the maximum and minimum daily discharges and their dates of first occurrence;
(d) the maximum instantaneous discharge and the time of occurrence, where available.

3. *The descriptive information* about the gauging station is also given below the table of daily data and will indicate the following where applicable:

International Gauging Stations – on waters adjacent to the international boundary, certain gauging stations have been designated as "International" and records are approved jointly. Differences between figures published herein and corresponding figures in United States Water Supply Papers are due to variations in automated data processing techniques.

Type of Gauge – refers to the installation or method used to obtain water level or discharge data:

(a) Manual – a non-recording type of gauge from which observations of stage normally are obtained once daily.
(b) Recording – a water-stage recorder from which continuous water levels are obtained on an analog chart. For most International Gauging Stations located in the United States, water level records are obtained utilizing a digital recorder.
(c) Power Plant Rating – this indicates that records were obtained using the latest available rating of the Power Plant.

2. *Un extrait des données mensuelles et annuelles* est donné au-dessous du tableau des données quotidiennes.

Les extraits mensuels et annuels sont présentés dans le cas des stations où on n'a mesuré que le niveau.

L'extrait mensuel donne:
(a) le niveau moyen en mètres pour le mois entier, et
(b) les niveaux quotidiens maximal et minimal en mètres.

L'extrait annuel donne:
(a) le niveau moyen en mètres pour l'année entière;
(b) les niveaux quotidiens maximal et minimal ainsi que les dates de leur première observation, s'il y a lieu, et
(c) le niveau maximal instantané et l'heure de l'observation, s'il y a lieu.

Les extraits mensuels et annuels sont présentés dans le cas des stations où on n'a mesuré que le débit.

L'extrait mensuel donne:
(a) le total des valeurs quotidiennes du débit, pour le mois entier;
(b) le débit moyen en mètres cubes par seconde;
(c) le débit total en décamètres cubes, et
(d) les débits quotidiens maximal et minimal en mètres cubes par seconde.

L'extrait annuel ou périodique donne:
(a) le débit moyen en mètres cubes par seconde;
(b) le débit total en décamètres cubes;
(c) les débits quotidiens maximal et minimal ainsi que les dates de première observation, s'il y a lieu, et
(d) le débit maximal instantané et l'heure de l'observation, s'il y a lieu.

3. *Les renseignements descriptifs* sur les stations de jaugeage sont également présentés sous le tableau des données quotidiennes et apportent les précisions qui suivent, s'il y a lieu:

Stations internationales de jaugeage (International Gauging Stations) – Dans les eaux contiguës aux frontières, on a désigné certaines stations comme «internationales», et les données prélevées sont approuvées par les pays concernés. Les différences entre les chiffres publiés dans la présente publication et les *United States Water Supply Papers* proviennent de variantes dans les techniques de traitement automatique des données.

Type de jauge (Type of Gauge) – Il s'agit des jauges ou des méthodes de jaugeage utilisées pour obtenir les données sur le niveau et le débit d'un cours d'eau:

(a) Manuelle (Manual) – indique qu'un appareil non enregistreur sert à obtenir une fois par jour les données sur le niveau et le débit d'un cours d'eau.
(b) Enregistreuse (Recording) – indique qu'un limnigraphe permet de mesurer de façon continue le niveau des eaux tracé sur une carte analogique. La plupart des stations internationales de jaugeage des États-Unis obtiennent les données sur le niveau des eaux à l'aide d'un enregistreur numérique.
(c) Régime des stations hydrauliques (Power Plant Rating) – indique qu'on a obtenu les données grâce aux valeurs les plus récentes des régimes mesurés dans les stations hydrauliques.

Location – the latitude and longitude co-ordinates of the location of the gauge are given. For stations where the gauge is located in appreciable distance from the discharge measurement section, these co-ordinates give the location of the discharge measurement section.

Drainage Area – this is the latest available drainage area and refers to that area enclosed by a topographic divide such that direct surface runoff from precipitation would drain by gravity into the stream upstream from the location of the station. For a gauging station on a lake, this refers to the total drainage area at the outlet of the lake.

Contributed Data – if data were supplied in their entirety by an outside agency, the name of the co-operating agency is given.

Natural Flow or *Regulated* – where the flow is known to be natural, this is indicated. The flow of water in many river systems is affected by upstream regulation. In some cases, the extent of this regulation is not known and therefore is not indicated. However, where the regulation is known to be "appreciable", this is indicated as well as the year that the regulation began, if known.

Gauge Datum – for stations where only water level data are available, the name of the datum, to which water levels are referred, is given as well as an equation to convert to another datum if applicable. Detailed information on the description of the bench marks to which water levels are referred is available from the appropriate Regional Chief.

Remarks – unusual conditions which occur at a station are explained.

REVISIONS

A number of corrections or revisions have been made to previously published data. Many of these were required because of typographical or computational errors which were exposed when daily discharges were stored on magnetic tape and monthly means were re-calculated by computer. Other errors were discovered or different interpretations of basic data were made during the systematic review of historical streamflow data presently underway, for example, these revisions may have been justified because a more reliable stage-discharge relationship had been developed.

Revisions to daily discharges or daily water levels are not published at present. However, those stations where a systematic review has been conducted are identified in the Surface Water Data Reference Index publication. The Historical Streamflow Summary publications contain revisions to monthly and annual mean discharges, and annual extremes of discharge. Detailed information on revisions to historical data is available from the appropriate Regional Chief.

Emplacement (Location) – La latitude et la longitude de la station de jaugeage sont indiquées. Dans les cas où l'équipement de mesure est situé à un endroit éloigné de la section où le jaugeage est effectué, on indique les coordonnées de cette section.

Superficie du bassin versant (Drainage Area) – Il s'agit de la superficie du bassin versant déterminée d'après les cartes les plus récentes et désigne la zone délimitée par une ligne de partage des eaux de sorte que l'écoulement d'averse est entraîné par gravité vers le cours d'eau en amont de la station. S'il s'agit d'une station située sur un lac, elle représente la superficie totale jusqu'à l'émissaire du lac.

Données fournies (Contributed Data) – Nom de l'organisme extérieur qui a fourni les données.

Débit naturel ou *régularisé* (Natural Flow or Regulated) – Un débit reconnu comme naturel est indiqué comme tel. Le débit de plusieurs réseaux hydrographiques est modifié par une régularisation qui est effectuée en amont. Il arrive parfois que l'importance de cette régularisation ne soit pas connue, et elle n'est donc pas indiquée. Cependant, quand on sait que la régularisation est d'une certaine importance, on l'indique ainsi que l'année où elle a débuté (si elle est connue).

Plan de référence des jauges (Gauge Datum) – Pour les stations dans lesquelles on ne mesure que le niveau de l'eau, on indique le plan de référence de la jauge en question et l'équation permettant, au besoin, de convertir ce plan en un autre plan. En s'adressant au chef régional concerné, on peut obtenir des renseignements plus précis au sujet des niveaux de référence auxquels correspondent les niveaux mesurés.

Remarques (Remarks) – Les conditions inhabituelles qui prévalent à une station sont expliquées.

RÉVISIONS

On a corrigé ou révisé beaucoup de données déjà publiées. Il a été nécessaire d'effectuer plusieurs corrections, car on a relevé des erreurs typographiques ou de calculs lorsqu'on a enregistré les débits quotidiens sur rubans magnétiques et qu'on a recalculé à l'aide d'ordinateurs les moyennes mensuelles. On a aussi relevé d'autres erreurs ou fait des interprétations différentes de données de base au cours de la révision rétrospective systématique des données de débit qu'on est à faire en ce moment. Ainsi, on peut justifier des corrections, par le fait qu'on ait trouvé une relation hauteur-débit plus sûre.

Les corrections apportées aux débits quotidiens ou aux niveaux d'eau quotidiens ne sont pas publiées, du moins pour le moment. Cependant, les stations où on a effectué une révision systématique sont identifiées dans l'*Index de référence des données sur les eaux de surface*. Les publications intitulées *Sommaire chronologique de l'écoulement* contiennent des données sur les moyennes mensuelles et annuelles des débits et sur les extrêmes annuels des débits qu'on a révisées. On peut obtenir plus de détails sur les révisions en s'adressant au chef régional concerné.

ACCURACY OF HYDROMETRIC DATA

The overall accuracy or the degree of reliability of hydrometric data referred to herein, depends upon (1) the stability of the stage-discharge relationship; or if the control is unstable, the frequency of discharge measurements, and (2) the accuracy of observations of stage, measurements of discharge and interpretation of records. Because of all the variable factors mentioned above, the number of significant figures used herein has been standardized for uniformity of presentation and does not reflect the degree of accuracy of the data.

A measure of the reliability of the records can be made by an examination of the distribution of the symbols A, B and E.

In general, data collected during open-water periods are more reliable than those collected during periods of ice conditions or those obtained by estimation. Further, water level data collected utilizing a water-stage recorder are more reliable and accurate than those using a manual gauge only, especially for small or flashy streams.

METRIC CONVERSION

In January 1980, all discharge, water level and sediment data on magnetic tape in the Water Survey of Canada data banks were converted to the International System of Units (SI). All requests for data and publications are now supplied in metric units only. The first documents to be published under the system were the Surface Water Data Reference Index (1979), Surface Water Data Series (1979), Historical Streamflow and Water Levels Summaries (to 1979), Sediment Data for Canadian Rivers (1978), Sediment Data Reference Index (1978), and Historical Sediment Data Summary (to 1978).

Daily discharge and water level data for years prior to 1979 and daily sediment data prior to 1978 in metric units are available on magnetic tape, but not in published form.

MICROFICHE

The historical daily discharge, water level and sediment data which were converted to metric units in January 1980 are also available to users on microfiche cards, upon request. The data are stored in station number order by Region in 1980 (Vancouver, Calgary, Regina, Winnipeg, Guelph, Montreal and Halifax) and therefore data for a particular province may include fiche from two or more Regions. There are 270 frames or printouts per microfiche at 48X reduction; there is also a visible heading showing the fiche number, type of data, Region, the beginning and ending station number and year of data and the month/year that the fiche was created; the last frame is an index of the contents of that fiche.

Daily discharge and water level data for 1979 and subsequent years, and daily sediment data for 1978 and subsequent years are available annually on microfiche.

EXACTITUDE DES DONNÉES HYDROMÉTRIQUES

La précision totale ou le degré d'exactitude des données hydrométriques dont on parle ici sont basés sur (1) la stabilité de la relation hauteur-débit ou, si l'élément régulateur est changeant, sur la fréquence des mesures de débits, et (2) sur la précision des observations sur les niveaux, des mesures de débits et de l'interprétation des relevés. À cause de toutes les variables déjà mentionnées, on a normalisé pour des fins d'uniformité de présentation le nombre de chiffres significatifs, mais ceci ne réflète pas le degré d'exactitude des données.

L'exactitude des données peut être appréciée par l'examen de la répartition des symboles A, B et E.

En général, les données recueillies au cours des périodes d'eau libre sont plus sûres que celles qui sont obtenues au cours des périodes de glaces ou par estimation. De plus, les données sur le niveau des eaux qui sont mesurées à l'aide d'un limnigraphe sont plus certaines et plus exactes que celles qui sont mesurées à l'aide d'une jauge manuelle seulement, surtout dans le cas de petits cours d'eau ou de cours d'eau à crues très rapides.

CONVERSION AU SYSTÈME MÉTRIQUE

En janvier 1980, toutes les données de l'écoulement, des niveaux d'eau et des sédiments stockées sur ruban magnétique dans les banques de données de la Division des relevés hydrologiques du Canada ont été converties au Système international d'unités (SI). Toutes les demandes de données et de publications sont maintenant remplies selon les unités métriques seulement. Les premiers documents à être publiés selon le système métrique ont été l'*Index de référence des données sur les eaux de surface (1979)*, la série des *Données sur les eaux de surface (1979)*, les *Sommaires chronologiques de l'écoulement et des niveaux d'eau (jusqu'à 1979)*, les *Données sur les sédiments des rivières canadiennes (1978)*, l'*Index de référence des données sur les sédiments (1978)* et le *Sommaire chronologique des données sur les sédiments (jusqu'à 1978)*.

Les données du débit quotidien et des niveaux d'eau pour les années antérieures à 1979 et les données quotidiennes des sédiments avant 1978 en unités métriques sont disponibles sur ruban magnétique, mais ne sont pas publiées.

MICROFICHE

En janvier 1980, les données chronologiques concernant les débits quotidiens, les niveaux d'eau et les sédiments ont été converties en unités métriques. Elles sont également disponibles sur microfiche aux usagers qui en font la demande. Ces données sont emmagasinées par ordre de numéro de station et par région en 1980 (Vancouver, Calgary, Regina, Winnipeg, Guelph, Montréal ou Halifax). Les données relatives à une province en particulier peuvent donc inclure des fiches en provenance de deux régions ou plus. Chaque microfiche renferme 270 pages réduites de 48X. L'en-tête indique le numéro de la fiche, le genre de données, la région, le numéro de la première et de la dernière station, celui de la première et de la dernière année de cueillette, et le mois et l'année de préparation de la fiche. La dernière image donne l'index du contenu de la fiche.

Les données sur les débits quotidiens et les niveaux d'eau recueillies à partir de 1979 ainsi que les données quotidiennes sur les sédiments dès 1978 sont disponibles sur microfiche chaque année.

SURFACE WATER DATA/DONNÉES SUR LES EAUX DE SURFACE

YUKON TERRITORY

AISHIHIK LAKE NEAR WHITEHORSE - STATION NO. 08AA005

DAILY WATER LEVEL IN METRES FOR 1981

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	1.553	1.423	1.333	1.207	1.112	1.288	1.441	1.596	1.645	1.683	1.673	1.599	1
2	1.550	1.418	1.328	1.209	1.117	1.290	1.440	1.595	1.641	1.673	1.670	1.596	2
3	1.551	1.421	1.326	1.208	1.117	1.302	1.460	1.605	1.634	1.658	1.665	1.585	3
4	1.542	1.419	1.323	1.208	1.116	1.300	1.477	1.621	1.630	1.643	1.655	1.586	4
5	1.535	1.420	1.316	1.204	1.120	1.324	1.486	1.612	1.626	1.647	1.655	1.586	5
6	1.530	1.419	1.310	1.201	1.124	1.339	1.488	1.597	1.620	1.655	1.668	1.586	6
7	1.518	1.412	1.305	1.200	1.129	1.335	1.491	1.588	1.629	1.660	1.665	1.584	7
8	1.514	1.406	1.295	1.194	1.135	1.330	1.506	1.588	1.637	1.659	1.663	1.581	8
9	1.513	1.400	1.291	1.189	1.139	1.345	1.500	1.601	1.635	1.653	1.662	1.579	9
10	1.504	1.403	1.286	1.187	1.148	1.355	1.507	1.621	1.631	1.655	1.657	1.576	10
11	1.500	1.401	1.282	1.183	1.159	1.365	1.523	1.622	1.621	1.654	1.658	1.570	11
12	1.498	1.399	1.278	1.179	1.170	1.367	1.545	1.621	1.619	1.658	1.659	1.565	12
13	1.489	1.396	1.271	1.174	1.178	1.371	1.548	1.604	1.619	1.648	1.660	1.561	13
14	1.487	1.394	1.269	1.172	1.186	1.372	1.547	1.604	1.625	1.650	1.657	1.560	14
15	1.480	1.389	1.267	1.167	1.194	1.377	1.543	1.595	1.609	1.653	1.659	1.557	15
16	1.478	1.391	1.259	1.159	1.202	1.389	1.544	1.605	1.618	1.658	1.659	1.547	16
17	1.477	1.388	1.254	1.154	1.210	1.392	1.555	1.639	1.641	1.652	1.660	1.540	17
18	1.479	1.381	1.253	1.164	1.212	1.394	1.555	1.626	1.639	1.644	1.656	1.534	18
19	1.466	1.375	1.257	1.177	1.216	1.401	1.558	1.620	1.612	1.660	1.655	1.536	19
20	1.472	1.369	1.253	1.185	1.215	1.403	1.568	1.612	1.625	1.662	1.655	1.537	20
21	1.471	1.366	1.249	1.188	1.228	1.402	1.577	1.608	1.638	1.657	1.655	1.536	21
22	1.471	1.365	1.246	1.198	1.230	1.417	1.583	1.618	1.646	1.655	1.650	1.532	22
23	1.469	1.363	1.238	1.200	1.244	1.429	1.577	1.635	1.649	1.660	1.642	1.528	23
24	1.461	1.358	1.236	1.203	1.253	1.426	1.558	1.640	1.640	1.676	1.630	1.527	24
25	1.457	1.355	1.235	1.187	1.260	1.432	1.557	1.638	1.636	1.699	1.637	1.524	25
26	1.456	1.349	1.228	1.116	1.271	1.437	1.585	1.629	1.659	1.686	1.630	1.519	26
27	1.457	1.342	1.228	1.115	1.274	1.430	1.597	1.638	1.663	1.683	1.623	1.516	27
28	1.454	1.340	1.227	1.116	1.277	1.448	1.598	1.649	1.660	1.685	1.633	1.511	28
29	1.445		1.224	1.114	1.293	1.453	1.598	1.643	1.652	1.679	1.625	1.505	29
30	1.436		1.220	1.114	1.289	1.422	1.606	1.637	1.668	1.681	1.610	1.503	30
31	1.428		1.215		1.283		1.610	1.645		1.684		1.499	31
MEAN	1.488	1.388	1.268	1.176	1.197	1.378	1.540	1.618	1.636	1.664	1.652	1.550	MEAN
MAX	1.553	1.423	1.333	1.209	1.293	1.453	1.610	1.649	1.668	1.699	1.673	1.599	MAX
MIN	1.428	1.340	1.215	1.114	1.112	1.288	1.440	1.588	1.609	1.643	1.610	1.499	MIN

WATER LEVELS IN METRES

SUMMARY FOR THE YEAR 1981

MEAN, 1.463
MAXIMUM DAILY, 1.699 ON OCT 25
MINIMUM DAILY, 1.112 ON MAY 1
MAXIMUM INSTANTANEOUS,
1.715 AT 02:42 YST ON OCT 25

TYPE OF GAUGE - RECORDING
LOCATION - LAT 61 11 53 N
LONG 136 59 53 W

REGULATED SINCE 1974

WATER LEVELS ARE REFERRED TO ASSUMED DATUM

AISHIHIK RIVER BELOW AISHIHIK LAKE - STATION NO. 08AA010

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1981

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	12.3 E	8.18	8.80	5.26	7.69	4.50	6.68	7.07	6.52	4.76	4.68	8.97	1
2	12.3	8.23	8.76	5.31	7.67	4.39	6.79	7.04	6.58	4.75	4.81	8.91	2
3	12.2	8.16	8.70	5.35	7.80	4.43	6.79	6.44	6.53	4.75	4.55	8.80	3
4	12.1	8.15	8.90	5.26	7.82	4.32	6.88	4.18	6.53	4.64	4.51	8.88	4
5	12.0	8.09	9.77	5.29	8.08	4.28	6.89	4.22	6.50	4.66	4.52	8.51	5
6	11.9	8.15	9.73	5.14	9.37	4.22	6.94	4.19	6.49	4.67	4.76	7.44	6
7	11.9	7.54	9.71	5.04	10.4	4.17	6.94	4.27	6.50	4.69	4.57	7.34	7
8	11.7	6.59	9.64	4.99	10.2	4.21	7.07	4.28	6.51	4.83	4.52	7.32	8
9	9.82	6.61	9.63	4.92	7.86	4.23	7.03	4.25	6.48	4.85	4.48	7.29	9
10	6.72	7.09	9.51	4.97	7.85	4.17	7.10	4.24	6.39	4.80	4.47	7.27	10
11	6.73	6.59	9.50	5.52	7.63	4.21	7.08	4.26	6.17	4.77	4.43	7.27	11
12	6.78	6.50	9.37	6.16	7.45	4.12	7.17	4.25	5.07	4.89	4.40	7.28	12
13	6.74	6.54	9.35	6.17	7.29	4.13	7.12	4.20	4.84	4.95	4.33	7.32	13
14	6.76	6.47	8.56	6.14	7.03	4.14	7.19	4.10	4.66	5.02	4.33	7.22	14
15	6.64	6.45	7.50	6.12	6.71	4.62	7.10	5.04	4.48	4.97	4.34	7.17	15
16	6.49	6.45	7.43	6.05	6.35	6.22	7.02	6.42	4.39	5.08	4.34	7.41	16
17	6.62	6.49	7.46	5.98	6.19	6.19	7.08	6.52	4.35	5.27	4.28	7.37	17
18	6.98	6.49	7.40	6.46	5.92	6.31	7.05	6.45	4.47	5.37	4.25	7.32	18
19	7.04	6.47	7.33	7.03	5.87	6.34	6.99	6.50	4.53	5.34	4.32	7.37	19
20	11.7	6.39	7.23	6.98	5.68	6.42	6.94	6.49	4.46	5.25	4.24	7.38	20
21	7.44	7.30	6.15	6.96	5.61	6.48	7.04	6.52	4.46	5.24	5.07	7.36	21
22	7.44	8.16	5.35	7.00	5.21	6.54	7.05	6.45	4.39	5.34	6.35	7.34	22
23	6.78	8.04	5.38	6.96	4.23	6.55	7.05	6.49	4.38	5.38	6.28	7.28	23
24	6.72	8.04	5.41	7.03	4.11	6.51	6.98	6.53	4.36	5.37	6.26	7.23	24
25	6.59	8.07	5.40	7.51	3.96	6.63	6.92	6.69	4.45	5.48	6.20	7.28	25
26	6.58	8.07	5.37	7.72	3.77	6.71	6.88	6.63	4.48	5.44	6.15	7.32	26
27	7.34	8.05	5.40	7.69	3.41	6.64	6.99	6.67	4.59	5.36	6.19	7.34	27
28	8.28	8.49	5.38	7.73	3.41	6.72	7.08	6.72	4.61	5.35	7.61	7.24	28
29	8.30		5.40	7.76	4.07	6.74	7.08	6.66	4.60	5.18	9.21	7.16	29
30	8.28		5.36	7.75	4.71	6.70	7.11	6.63	4.74	5.15	9.10	7.20	30
31	8.27		5.26		4.65		7.15	6.63		5.09		7.49	31
TOTAL	267.44	205.85	234.14	188.25	198.00	161.84	217.18	177.03	157.51	156.69	157.55	234.08	TOTAL
MEAN	8.63	7.35	7.55	6.28	6.39	5.39	7.01	5.71	5.25	5.05	5.25	7.55	MEAN
MAX	12.3	8.49	9.77	7.76	10.4	6.74	7.19	7.07	6.58	5.48	9.21	8.97	MAX
MIN	6.49	6.39	5.26	4.92	3.41	4.12	6.68	4.10	4.35	4.64	4.24	7.16	MIN

DISCHARGES IN CUBIC METRES PER SECOND

SUMMARY FOR THE YEAR 1981

MEAN, 6.45
MAXIMUM DAILY, 12.3E ON JAN 1
MINIMUM DAILY, 3.41 ON MAY 27
MAXIMUM INSTANTANEOUS,
20.3 AT 09:13 YST ON JAN 20

TYPE OF GAUGE - RECORDING
LOCATION - LAT 61 11 04 N
LONG 136 59 24 W
DRAINAGE AREA, 2 960 km²

E - ESTIMATED
REGULATED SINCE 1974

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	23 100	JUL	18 800
FEB	17 800	AUG	15 300
MAR	20 200	SEP	13 600
APR	16 300	OCT	13 500
MAY	17 100	NOV	13 600
JUN	14 000	DEC	20 200

TOTAL DISCHARGE, 204 000 dam³

YUKON TERRITORY

AISHIHIK RIVER NEAR WHITEHORSE - STATION NO. 08AA001

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1981

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	6.99B	6.48B	6.71B	6.74B	8.60B	21.0	13.3	11.0	12.3	12.4	11.0	7.69B	1
2	7.08B	6.43B	6.01B	7.31B	9.00B	18.2	13.3	10.8	11.4	12.8	10.1	8.49B	2
3	7.16B	6.29B	6.63B	6.57B	9.55B	17.9	13.1	10.7	11.1	11.7	9.51B	6.74B	3
4	7.08B	6.68B	6.82B	7.02B	10.2 B	16.9	13.5	10.7	10.9	11.6	10.3 B	7.87B	4
5	7.22B	7.19B	6.80B	7.02B	14.2 A	16.2	13.5	10.8	10.6	12.3	8.77B	10.1 B	5
6	7.28B	7.45B	6.77B	6.85B	14.6	15.6	14.0	11.8	11.5	12.1	9.81B	9.11B	6
7	7.16B	7.08B	7.50B	6.82B	17.4	15.6	14.2	10.2	12.2	12.2	8.65B	11.2 B	7
8	6.91B	6.71B	7.16B	7.14B	19.6	16.6	14.6	10.9	13.5	12.9	9.56B	9.30B	8
9	6.97B	7.02B	6.82B	7.11B	17.6	16.0	14.7	11.2	13.6	11.3	8.72B	10.3 B	9
10	7.22B	7.11B	6.80B	7.05B	18.5	15.5	14.2	11.2	13.6	10.5	8.14B	10.4 B	10
11	7.05B	7.05B	9.15B	7.28B	21.5	15.4	13.9	11.2	13.4	11.1	7.15B	11.7 B	11
12	7.16B	6.60B	6.29B	7.16B	24.8	15.7	13.7	10.9	13.1	11.2	6.83B	9.78B	12
13	9.06B	5.52B	6.20B	7.45B	23.8	16.5	13.5	9.15	12.3	11.6	6.81B	8.89B	13
14	7.33B	5.30B	6.57B	7.22B	20.9	17.3	13.1	7.58	13.0	14.9	7.77B	11.3 B	14
15	6.85B	7.02B	6.60B	7.33B	19.9	17.7	12.4	9.16	12.7	15.9	7.48B	11.5 B	15
16	6.88B	11.1 B	6.80B	7.22B	22.1	18.3	12.1	9.56	13.7	14.6	8.06B	10.7 B	16
17	6.68B	12.2 B	6.63B	6.95B	27.2	19.9	12.7	10.7	12.8	14.3	9.72B	8.96B	17
18	7.02B	11.7 B	6.71B	6.98B	22.9	21.9	13.0	10.1	12.9	13.5	8.04B	9.22B	18
19	6.99B	10.6 B	6.80B	7.00B	25.4	22.1	11.3	9.45	14.4	12.8	8.02B	8.87B	19
20	7.08B	9.26B	5.52B	7.02B	25.0	20.9	11.7	9.52	13.9	13.5	8.96B	8.53B	20
21	7.25B	9.91B	6.94B	7.05B	20.2	19.9	11.3	9.89	13.2	15.5	7.32B	8.79B	21
22	7.14B	10.6 B	6.82B	7.08B	18 6	24.3	11.6	10.3	13.6	16.2	7.45B	10.3 B	22
23	7.11B	13.3 B	6.99B	7.15B	17.5	27.8	12.0	10.1	13.4	14.9	9.89B	9.77B	23
24	6.94B	12.1 B	5.89B	7.25B	16.6	22.7	11.3	10.5	13.3	14.9	9.17B	9.71B	24
25	7.22B	11.7 B	6.88B	7.33B	19.4	20.7	10.8	10.2	13.1	15.2	7.44B	4.33B	25
26	6.85B	11.6 B	6.51B	7.55B	25.3	19.5	10.2	9.89	13.1	14.9	9.58B	6.03B	26
27	7.11B	11.6 B	6.71B	7.65B	32.5	18.5	11.2	11.4	13.0	14.4	7.99B	8.29B	27
28	6.63B	7.87B	6.77B	7.90B	38.5	17.1	11.4	10.2	12.7	14.7	7.01B	8.23B	28
29	7.14B		6.74B	8.15B	31.1	15.5	11.2	10.4	13.0	12.2	6.84B	12.8 B	29
30	6.52B		6.74B	8.35B	23.6	13.8	11.2	10.4	12.8	12.0	9.61B	13.2 B	30
31	6.82B		6.46B		23.3		11.1	10.7		12.0		12.9 B	31
TOTAL	219.90	243.47	208.74	216.70	639.35	555.0	389.1	320.60	384.1	410.1	255.70	295.00	TOTAL
MEAN	7.09	8.70	6.73	7.22	20.6	18.5	12.6	10.3	12.8	13.2	8.52	9.52	MEAN
MAX	9.06	13.3	9.15	8.35	38.5	27.8	14.7	11.8	14.4	16.2	11.0	13.2	MAX
MIN	6.52	5.30	5.52	6.57	8.60	13.8	10.2	7.58	10.6	10.5	6.81	4.33	MIN

SUMMARY FOR THE YEAR 1981

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 11.3
MAXIMUM DAILY, 38.5 ON MAY 28
MINIMUM DAILY, 4.33B ON DEC 25
MAXIMUM INSTANTANEOUS,
39.7 AT 04:39 YST ON MAY 28

TYPE OF GAUGE - RECORDING
LOCATION - LAT 60 51 40 N
LONG 137 03 40 W
DRAINAGE AREA, 4 300 km²
A - MANUAL GAUGE
B - ICE CONDITIONS

REGULATED SINCE 1974

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	19 000	JUL	33 600
FEB	21 000	AUG	27 700
MAR	18 000	SEP	33 200
APR	18 700	OCT	35 400
MAY	55 200	NOV	22 100
JUN	48 000	DEC	25 500

TOTAL DISCHARGE, 357 000 dam³

ALSEK RIVER ABOVE BATES RIVER - STATION NO. 08AB001

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1981

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	35.8B	39.5B	41.9B	39.0B	65.0E	363	448	650	503	115	146	51.5B	1
2	36.0B	39.0B	41.5B	39.0B	73.0E	345	446	640	451	111	134	51.0B	2
3	35.5B	38.5B	41.2B	39.2B	84.0E	323	428	614	413	106	118	50.5B	3
4	34.4B	37.8B	41.0B	39.4B	96.0E	297	411	589	383	102	112	49.5B	4
5	34.0B	37.6B	40.8B	39.3B	115 E	284	410	572	371	98.1	108	48.0B	5
6	34.0B	37.6B	40.5B	39.0B	145 E	271	400	609	379	96.6	104	46.0B	6
7	34.5B	38.5B	40.5B	38.9B	166 E	264	402	693	388	95.0	94.0	44.4B	7
8	35.0B	40.0B	41.0B	38.5B	150 E	256	421	827	350	92.7	84.4	43.0B	8
9	36.0B	39.5B	41.3B	38.1B	155 E	241	431	1 030	298	90.5	79.8	42.0B	9
10	37.0B	38.3B	41.5B	37.8B	165 E	228	442	1 090	278	90.9	7..0B	41.0B	10
11	37.0B	38.0B	41.7B	37.6B	176 A	238	487	1 030	282	86.5	70.0B	40.8B	11
12	36.0B	38.0B	41.5B	37.9B	182	266	549	921	282	84.8	67.0B	40.7B	12
13	36.7B	37.8B	41.0B	38.0B	192	291	564	842	265	112	63.0B	40.2B	13
14	37.4B	37.5B	41.0B	38.1B	202	318	571	752	245	200	62.0B	40.1B	14
15	38.5B	37.9B	40.8B	38.4B	211	346	599	661	240	293	62.0B	40.0B	15
16	39.0B	38.1B	40.4B	38.6B	224	362	629	658	243	276	61.0B	40.0B	16
17	37.6B	37.1B	40.1B	39.0B	228	390	709	655	230	253	60.6B	39.8B	17
18	37.6B	37.2B	40.0B	39.2B	229	393	794	536	215	234	59.8B	39.5B	18
19	39.0B	39.5B	40.1B	39.5B	236	386	871	488	207	221	58.0B	39.0B	19
20	39.0B	41.0B	40.0B	40.0B	239	407	919	490	207	202	56.6B	37.5B	20
21	39.0B	41.5B	39.7B	40.3B	234	434	892	518	202	187	55.8B	37.0B	21
22	38.1B	41.0B	39.5B	40.8B	221	450	830	466	187	184	55.0B	36.6B	22
23	37.5B	40.1B	39.6B	41.0B	202	462	812	383	177	184	54.7B	36.4B	23
24	37.3B	40.1B	39.7B	42.0B	195	470	791	349	163	195	54.0B	36.2B	24
25	37.5B	41.7B	39.7B	43.0B	207	476	786	350	155	202	53.5B	36.1B	25
26	37.7B	42.4B	39.5B	45.0B	239	467	837	382	152	197	53.0B	35.6B	26
27	37.8B	42.6B	39.2B	48.0B	299	463	782	434	142	194	52.6B	34.2B	27
28	38.5B	42.5B	39.0B	51.0B	346	463	748	544	131	187	52.1B	32.5B	28
29	38.6B		39.0B	54.0B	380	440	729	606	122	177	52.0B	31.9B	29
30	38.9B		39.0B	59.5B	380	428	677	576	116	169	52.0B	31.5B	30
31	39.5B		38.9B		367		654	548		157		31.0B	31
TOTAL	1 150.4	1 100.3	1 250.6	1 239.1	6 403.0	10 822	19 469	19 503	7 777	4 993.1	2 204.9	1 243.5	TOTAL
MEAN	37.1	39.3	40.3	41.3	207	361	628	629	259	161	73.5	40.1	MEAN
MAX	39.5	42.6	41.9	59.5	380	476	919	1 090	503	293	146	51.5	MAX
MIN	34.0	37.1	38.9	37.6	65.0	228	400	349	116	84.8	52.0	31.0	MIN

SUMMARY FOR THE YEAR 1981

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 211
MAXIMUM DAILY, 1 090 ON AUG 10
MINIMUM DAILY, 31.0B ON DEC 31
MAXIMUM INSTANTANEOUS,
1 120 AT 18:48 YST ON AUG 9

TYPE OF GAUGE - RECORDING
LOCATION - LAT 60 07 09 N
LONG 137 58 27 W
DRAINAGE AREA, 16 200 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	99 400	JUL	1 680 000
FEB	95 100	AUG	1 690 000
MAR	108 000	SEP	672 000
APR	107 000	OCT	431 000
MAY	553 000	NOV	191 000
JUN	935 000	DEC	107 000

TOTAL DISCHARGE, 6 670 000 dam³

YUKON TERRITORY

BABBAGE RIVER BELOW CARIBOU CREEK - STATION NO. 10ND002

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1981

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	0B	0B	0B	0B	0 B	25.0 E	22.2	8.46	15.8	6.05B	3.20 B	0B	1
2	0B	0B	0B	0B	0 B	22.6 A	22.8	63.3	15.6	6.00B	3.10 B	0B	2
3	0B	0B	0B	0B	0.004B	17.1	21.7	89.6	14.9	5.90B	3.00 B	0B	3
4	0B	0B	0B	0B	0.014B	14.3	19.9	38.2	13.6	5.82B	2.86 B	0B	4
5	0B	0B	0B	0B	0.045B	13.7	29.0	20.8	12.5	5.73B	2.78 B	0B	5
6	0B	0B	0B	0B	0.080B	29.3	28.4	14.0	11.5	5.65B	2.68 B	0B	6
7	0B	0B	0B	0B	0.136B	56.0	22.5	14.4	10.7	5.57B	2.61 B	0B	7
8	0B	0B	0B	0B	0.200B	82.9	58.9	15.7	10.3	5.49B	2.52 B	0B	8
9	0B	0B	0B	0B	0.245B	53.0	95.6	32.2	9.99	5.40B	2.45 B	0B	9
10	0B	0B	0B	0B	0.300B	69.9	41.1	231	9.72	5.32B	2.37 B	0B	10
11	0B	0B	0B	0B	0.375B	77.6	23.1	87.1	9.45	5.22B	2.28 B	0B	11
12	0B	0B	0B	0B	0.500B	72.9	55.6	49.9	9.13	5.12B	2.20 B	0B	12
13	0B	0B	0B	0B	0.660B	57.8	54.0	37.4	8.68	5.02B	2.11 B	0B	13
14	0B	0B	0B	0B	0.880B	51.4	26.4	28.7	8.47	4.95B	2.02 B	0B	14
15	0B	0B	0B	0B	1.23 B	42.0	41.0	23.6	8.29	4.85B	1.88 B	0B	15
16	0B	0B	0B	0B	1.75 B	31.3	34.3	34.2	8.13	4.75B	1.70 B	0B	16
17	0B	0B	0B	0B	2.60 B	23.7	21.5	40.5	7.87	4.65B	1.54 B	0B	17
18	0B	0B	0B	0B	4.40 B	18.9	40.1	29.6	7.82	4.55B	1.37 B	0B	18
19	0B	0B	0B	0B	7.60 B	15.8	20.5	22.6	7.91	4.45B	1.18 B	0B	19
20	0B	0B	0B	0B	13.3 B	13.5	40.6	22.1	7.73	4.35B	1.02 b	0B	20
21	0B	0B	0B	0B	29.0 B	12.0	49.6	53.6	7.30	4.25B	0.870B	0B	21
22	0B	0B	0B	0B	62.6 B	9.80	29.5	248	7.44	4.15B	0.710B	0B	22
23	0B	0B	0B	0B	61.0 B	9.56	17.1	172	7.56	4.05B	0.570B	0B	23
24	0B	0B	0B	0B	55.0 B	9.91	13.2	87.6	7.06	3.95B	0.400B	0B	24
25	0B	0B	0B	0B	50.0 B	9.36	14.0	44.2	6.71	3.85B	0.250B	0B	25
26	0B	0B	0B	0B	45.2 B	9.49	16.4	31.3	6.60B	3.75B	0.100B	0B	26
27	0B	0B	0B	0B	41.0 B	38.4	13.2	27.8	6.41B	3.66B	0 E	0B	27
28	0B	0B	0B	0B	37.0 B	39.7	10.8	26.2	6.30B	3.56B	0 B	0B	28
29	0B		0B	0B	33.5 B	24.7	9.37	23.2	6.20B	3.47B	0 B	0B	29
30	0B		0B	0B	30.3 B	35.8	8.15	19.9	6.13B	3.38B	0 B	0B	30
31	0B		0B		27.5 B		7.66	17.3		3.28B		0B	31
TOTAL	0	0	0	0	506.419	987.42	908.18	1 654.46	275.80	146.19	47.770	0	TOTAL
MEAN	0	0	0	0	16.3	32.9	29.3	53.4	9.19	4.72	1.59	0	MEAN
MAX	0	0	0	0	62.6	82.9	95.6	248	15.8	6.05	3.20	0	MAX
MIN	0	0	0	0	0	9.36	7.66	8.46	6.13	3.28	0	0	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 12.4
MAXIMUM DAILY, 248 ON AUG 22
MINIMUM DAILY, 0B ON JAN 1
MAXIMUM INSTANTANEOUS,
267 AT 14:20 MST ON AUG 22

SUMMARY FOR THE YEAR 1981

TYPE OF GAUGE - RECORDING
LOCATION - LAT 68 50 22 N
LONG 138 40 05 W
DRAINAGE AREA, 1 510 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	0	JUL	78 500
FEB	0	AUG	143 000
MAR	0	SEP	23 800
APR	0	OCT	12 600
MAY	43 800	NOV	4 130
JUN	85 300	DEC	0

TOTAL DISCHARGE, 391 000 dam³

BEAVER RIVER BELOW WHITEFISH RIVER - STATION NO. 10BD001

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1981

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	20.0B	15.8B	14.4B	15.4B	20.5B	160	55.4	34.7	49.8	31.8	29.7B	22.0B	1
2	20.0B	15.9B	14.3B	15.3B	23.0B	157	52.0	33.1	62.0	33.7	29.3B	22.3B	2
3	19.7B	16.0B	14.1B	15.4B	25.2B	143	49.6	31.6	60.2	33.5	29.0B	21.5B	3
4	19.8B	16.0B	13.8B	15.3B	27.8B	132 A	48.7	30.8	56.8	32.2	30.0B	20.8B	4
5	20.0B	15.9B	13.8B	15.0B	30.5B	134 E	47.0	29.2	53.8	28.9	31.5B	20.6B	5
6	20.0B	15.5B	13.9B	15.1B	33.5B	138 E	44.9	29.0	58.6	27.5	31.3B	20.0B	6
7	19.6B	15.0B	14.0B	15.0B	37.0B	140 E	43.3	28.6	61.9	30.0	30.3B	19.0B	7
8	19.4B	14.9B	14.3B	14.9B	42.0E	138 E	43.0	27.7	58.0	31.2	29.0B	18.5B	8
9	19.1B	14.9B	14.5B	14.6B	49.0E	136 A	43.2	27.1	54.0	31.3	28.2B	18.3B	9
10	19.0B	14.8B	14.5B	14.4B	53.0E	120	42.9	26.0	60.7	30.1	29.0B	18.1B	10
11	19.0B	14.6B	14.6B	14.2B	58.0E	105	40.7	25.1	61.2	30.5	29.2B	17.0B	11
12	19.1B	14.7B	14.7B	14.0B	63.0E	93.7	39.0	24.4	56.3	30.1	28.5B	15.3B	12
13	19.1B	14.8B	14.8B	13.9B	67.0E	83.5	38.2	23.8	51.7	29.4	26.5B	15.2B	13
14	19.0B	14.9B	14.7B	14.0B	70.0E	88.5	46.1	23.3	48.5	30.0	25.2B	15.7B	14
15	19.0B	14.9B	14.5B	14.0B	66.0E	116	47.2	22.5	46.0	37.6	24.6B	16.2B	15
16	19.0B	14.9B	14.4B	13.9B	66.0E	105	41.7	21.5	43.9	48.8	24.5B	16.1B	16
17	19.0B	14.7B	14.1B	13.8B	67.0E	93.8	38.9	21.6	41.8	54.2	24.3B	16.8B	17
18	19.0B	14.6B	14.0B	13.7B	72.0E	85.9	36.8	20.9	40.7	53.3	23.9B	17.4B	18
19	19.0B	14.5B	13.8B	13.6B	81.0E	79.8	35.3	20.6	40.2	51.5	23.8B	18.0B	19
20	19.0B	14.5B	13.6B	13.5B	91.0E	76.6	32.9	21.2	39.1	48.2	23.7B	18.1B	20
21	19.0B	14.5B	13.7B	13.5B	110 E	79.9	31.5	20.7	37.8	41.0	22.2B	17.8B	21
22	19.0B	14.6B	13.8B	13.6B	131 E	80.2	34.6	20.2	36.8	37.5B	21.4B	17.2B	22
23	18.7B	14.8B	14.0B	13.8B	149 E	80.6	41.8	20.3	35.9	38.5B	21.2B	16.8B	23
24	18.5B	14.9B	14.3B	13.9B	158 E	81.0	40.9	20.5	34.5	38.0B	21.2B	16.9B	24
25	18.3B	14.9B	14.5B	14.2B	171 E	74.3	37.8	20.4	33.2	34.5B	21.4B	17.0B	25
26	18.0B	14.8B	14.7B	14.7B	221 A	71.6	34.9	19.9	32.7	31.0B	21.5B	16.0B	26
27	17.6B	14.9B	14.9B	15.2B	240	72.8	33.3	20.5	31.4	29.7B	21.5B	14.9B	27
28	17.0B	14.6B	15.0B	16.0B	242	69.7	34.2	24.2	31.0	29.3B	22.4B	14.0B	28
29	16.7B		15.1B	17.0B	212	63.4	38.7	35.6	30.6	29.2B	22.5B	13.2B	29
30	16.0B		15.0B	18.9B	190	59.3	38.5	36.6	30.0	29.6B	21.7B	12.4B	30
31	15.7B		15.1B		174		35.6	36.7		29.9B		12.0B	31
TOTAL	581.3	419.8	444.9	439.8	3 040.5	3 058.6	1 268.6	798.3	1 379.1	1 092.0	768.5	535.1	TOTAL
MEAN	18.8	15.0	14.4	14.7	98.1	102	40.9	25.8	46.0	35.2	25.6	17.3	MEAN
MAX	20.0	16.0	15.1	18.9	242	160	55.4	36.7	62.0	54.2	31.5	22.3	MAX
MIN	15.7	14.5	13.6	13.5	20.5	59.3	31.5	19.9	30.0	27.5	21.2	12.0	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 37.9
MAXIMUM DAILY, 242 ON MAY 28
MINIMUM DAILY, 12.0B ON DEC 31
MAXIMUM INSTANTANEOUS,
257 AT 23:00 YST ON MAY 27

SUMMARY FOR THE YEAR 1981

TYPE OF GAUGE - RECORDING
LOCATION - LAT 60 07 52 N
LONG 124 53 21 W
DRAINAGE AREA, 7 280 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	50 200	JUL	110 000
FEB	36 300	AUG	69 000
MAR	38 400	SEP	119 000
APR	38 000	OCT	94 300
MAY	263 000	NOV	66 400
JUN	264 000	DEC	46 200

TOTAL DISCHARGE, 1 190 000 dam³

YUKON TERRITORY

BENNETT LAKE AT CARCROSS - STATION NO. 09AA004

DAILY WATER LEVEL IN METRES FOR 1981

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	1.655	1.280	0.788	1.512	2.204	2.871	3.049	2.893	2.081	---	1
2	---	---	1.644	1.263	0.774	1.552	2.242	2.875	3.047	2.853	2.050	---	2
3	---	---	1.628	1.257	0.767	1.571	2.270	2.879	3.028	2.819	2.030	2.087A	3
4	---	---	1.614	1.239	0.760	1.557	2.285	2.887	3.011	2.789	2.024	2.072	4
5	---	---	1.602	1.214	0.757	1.567	2.289	2.920	2.997	2.764	2.017	2.076	5
6	---	1.808A	1.596	1.206	0.748	1.578	2.294	2.951	2.995	2.733	2.001	2.088	6
7	---	1.803	1.581	1.193	0.736	1.597	2.289	2.976	3.020	2.686	1.988	2.077	7
8	---	1.798	1.579	1.180	0.739	1.605	2.292	3.006	3.095	2.661	1.993	2.088	8
9	---	1.791	1.575	1.159	0.755	1.600	2.295	3.042	3.145	2.630	1.984	2.115	9
10	---	1.788	1.565	1.134	0.765	1.605	2.291	3.065	3.182	2.584	1.983	2.103	10
11	---	1.767	1.547	1.129	0.782	1.612	2.303	3.080	3.219	2.558	1.982	2.106	11
12	---	1.757	1.536	1.121	0.789	1.628	2.328	3.093	3.225	2.523	1.967	2.126	12
13	---	1.768	1.527	1.096	0.799	1.655	2.347	3.089	3.215	2.492	1.963	2.134	13
14	---	1.766	1.508	1.077	0.814	1.693	2.381	3.093	3.215	2.465	1.953	2.121	14
15	---	1.762	1.502	1.060	0.838	1.735	2.412	3.087	3.215	2.448	1.948	2.152	15
16	---	1.761	1.492	1.042	0.839	1.786	2.441	3.073	3.216	2.430	1.946	2.185	16
17	---	1.757	1.473	1.032	0.883	1.841	2.485	3.076	3.200	2.425	1.937	2.347	17
18	---	1.754	1.457	1.011	0.921	1.872	2.550	3.074	3.211	2.420	1.929	2.496	18
19	---	1.750	1.434	0.990	0.950	1.894	2.612	3.066	3.206	2.385	1.928	2.371	19
20	---	1.751	1.427	0.980	0.978	1.925	2.641	3.067	3.185	2.356	1.926	2.403	20
21	---	1.735	1.417	0.952	1.000	1.958	2.655	3.074	3.161	2.331	1.923	2.346	21
22	---	1.734	1.418	0.929	1.026	1.984	2.670	3.071	3.141	2.304	1.927	2.273	22
23	---	1.710	1.400	0.913	1.045	2.025	2.691	3.051	3.129	2.279	1.928	2.315	23
24	---	1.709	1.392	0.904	1.055	2.079	2.719	3.033	3.106	2.252	1.936	2.326	24
25	---	1.699	1.380	0.907	1.088	2.104	2.753	3.020	3.078	2.219	1.929	2.335	25
26	---	1.680	1.377	0.869	1.127	2.123	2.766	3.018	3.042	2.213	1.936	2.323	26
27	---	1.678	1.356	0.861	1.185	2.138	2.799	3.020	3.000	2.197	1.943A	2.220	27
28	---	1.667	1.330	0.840	1.248	2.160	2.803	3.022	2.968	2.174	---	2.178	28
29	---		1.324	0.817	1.328	2.186	2.826	3.034	2.952	2.154	---	2.163	29
30	---		1.307	0.795	1.392	2.195	2.849	3.053	2.924	2.120	---	2.162	30
31	---		1.292		1.455		2.860	3.049		2.100		2.161	31
MEAN	---	---	1.482	1.048	0.940	1.811	2.505	3.023	3.106	2.460	---	---	MEAN
MAX	---	---	1.655	1.280	1.455	2.195	2.860	3.093	3.225	2.893	---	---	MAX
MIN	---	---	1.292	0.795	0.736	1.512	2.204	2.871	2.924	2.100	---	---	MIN

WATER LEVELS IN METRES

SUMMARY FOR THE YEAR 1981

MAXIMUM DAILY, 3.225 ON SEP 12
MINIMUM DAILY, 0.736 ON MAY 7
MAXIMUM INSTANTANEOUS,
3.228 AT 04:40 YST ON SEP 15

TYPE OF GAUGE - RECORDING
LOCATION - LAT 60 09 50 N
LONG 134 42 27 W

A - MANUAL GAUGE

NATURAL FLOW

WATER LEVELS ARE REFERRED TO ASSUMED DATUM
APPLY 653.793 m ADJUSTMENT TO CONVERT TO GEODETIC SURVEY OF CANADA DATUM (LOCAL 1948 ADJ.)

BIG CREEK NEAR THE MOUTH - STATION NO. 09AH003

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1981

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	0.181B	0.171B	0.170B	0.200B	0.330B	6.45	5.19	15.1	5.47	6.00	2.85 B	0.750B	1
2	0.182B	0.173B	0.171B	0.199B	0.375B	5.20	6.34	13.0	5.38	6.03	2.60 B	0.767B	2
3	0.181B	0.176B	0.171B	0.199B	0.460B	4.58	28.7	12.8	5.21	5.61	2.37 B	0.770B	3
4	0.181B	0.175B	0.170B	0.200B	0.660B	4.15	62.3	44.7	5.17	4.59	2.35 B	0.747B	4
5	0.180B	0.174B	0.168B	0.200B	1.40 B	3.86	44.2	55.1	5.11	5.00B	2.33 B	0.714B	5
6	0.178B	0.173B	0.166B	0.201B	3.50 B	3.75	30.8	39.0	4.95	4.95B	2.30 B	0.670B	6
7	0.176B	0.173B	0.163B	0.202B	8.00 B	4.09	25.0	26.5	4.85	4.52	2.18 B	0.600B	7
8	0.174B	0.172B	0.161B	0.202B	14.0 B	4.28	24.2	20.4	4.88	4.53	2.04 B	0.548B	8
9	0.172B	0.171B	0.162B	0.203B	30.5 B	3.92	24.8	16.8	4.89	4.48	2.00 B	0.500B	9
10	0.171B	0.171B	0.163B	0.205B	32.2 B	3.39	18.3	15.8	5.00	4.25	1.98 B	0.455B	10
11	0.171B	0.170B	0.164B	0.207B	31.5 A	3.12	13.8	13.9	5.05	3.87	1.97 B	0.420B	11
12	0.172B	0.169B	0.167B	0.208B	24.0	2.95	26.6	12.8	5.02	3.65	1.94 B	0.395B	12
13	0.174B	0.167B	0.169B	0.209B	20.0	2.80	29.3	11.6	5.02	3.81	1.82 B	0.388B	13
14	0.177B	0.166B	0.171B	0.210B	16.5	3.17	20.6	10.7	4.95	4.47	1.52 B	0.398B	14
15	0.178B	0.164B	0.172B	0.212B	13.8	7.06	15.0	9.91	4.94	6.03B	1.45 B	0.420B	15
16	0.178B	0.163B	0.172B	0.214B	13.8	13.0	11.8	9.23	4.94	9.30B	1.43 B	0.442B	16
17	0.179B	0.162B	0.173B	0.216B	18.0	11.0	10.1	9.23	4.89	8.40B	1.41 B	0.453B	17
18	0.179B	0.163B	0.173B	0.220B	18.7	8.10	10.6	9.42	4.87	7.40B	1.38 B	0.420B	18
19	0.178B	0.164B	0.172B	0.222B	17.9	6.32	10.9	8.84	5.27	6.24B	1.35 B	0.380B	19
20	0.176B	0.166B	0.171B	0.225B	17.7	5.35	10.3	8.39	6.58	5.24B	1.33 B	0.340B	20
21	0.175B	0.168B	0.171B	0.230B	14.0	4.57	9.27	7.89	9.16	4.90B	1.24 B	0.325B	21
22	0.174B	0.169B	0.171B	0.235B	11.6	4.10	8.95	7.47	9.24	4.58B	1.10 B	0.310B	22
23	0.174B	0.169B	0.171B	0.240B	10.0	3.87	8.37	7.09	8.57	4.35B	1.01 B	0.312B	23
24	0.173B	0.169B	0.172B	0.245B	9.29	3.52	7.92	6.73	7.73	3.90B	0.980B	0.321B	24
25	0.171B	0.170B	0.177B	0.252B	8.79	3.35	7.14	6.40	7.24	3.60B	0.965B	0.325B	25
26	0.170B	0.169B	0.180B	0.260B	9.77	3.29	13.3	6.26	7.13	3.40B	0.960B	0.295B	26
27	0.169B	0.169B	0.184B	0.269B	10.5	3.12	23.8	5.96	7.04	3.27B	0.935B	0.235B	27
28	0.168B	0.169B	0.188B	0.278B	11.9	3.03	19.3	5.73	6.55	3.16B	0.900B	0.190B	28
29	0.168B		0.194B	0.291B	11.1	2.95	15.0	5.59	5.94	3.11B	0.790B	0.172B	29
30	0.169B		0.198B	0.305B	8.82	3.15A	14.2	5.44	5.60	3.03B	0.747B	0.167B	30
31	0.170B		0.200B		7.50		14.9	5.43		2.98B		0.165B	31
TOTAL	5.419	4.735	5.375	6.759	396.595	141.49	570.98	433.21	176.64	148.65	48.227	13.394	TOTAL
MEAN	0.175	0.169	0.173	0.225	12.8	4.72	18.4	14.0	5.89	4.80	1.61	0.432	MEAN
MAX	0.182	0.176	0.200	0.305	32.2	13.0	62.3	55.1	9.24	9.30	2.85	0.770	MAX
MIN	0.168	0.162	0.161	0.199	0.330	2.80	5.19	5.43	4.85	2.98	0.747	0.165	MIN

DISCHARGES IN CUBIC METRES PER SECOND

SUMMARY FOR THE YEAR 1981

MEAN, 5.35
MAXIMUM DAILY, 62.3 ON JUL 4
MINIMUM DAILY, 0.161B ON MAR 8
MAXIMUM INSTANTANEOUS,
73.6 AT 02:10 YST ON JUL 4

TYPE OF GAUGE - RECORDING
LOCATION - LAT 62 34 07 N
LONG 137 00 58 W
DRAINAGE AREA, 1 750 km²
A - MANUAL GAUGE
B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	468	JUL	49 300
FEB	409	AUG	37 400
MAR	464	SEP	15 300
APR	584	OCT	12 800
MAY	34 300	NOV	4 170
JUN	12 200	DEC	1 160

TOTAL DISCHARGE, 169 000 dam³

BIG SALHON RIVER NEAR CARMACKS - STATION NO. 09AG001

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1981

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	25.8B	22.6B	21.6B	18.9B	19.2B	230	129	81.1	63.3	72.7	51.0B	39.0B	1
2	25.4B	23.0B	21.3B	18.8B	19.9B	203	130	79.8	67.3	72.3	50.5B	38.4B	2
3	25.0B	23.5B	21.0B	18.6B	20.5B	177	146	79.1	64.2	69.9	50.0B	38.0B	3
4	25.3B	23.8B	20.7B	18.5B	21.1B	156	154	80.1	60.9	66.8	50.6B	37.0B	4
5	25.5B	23.9B	20.2B	18.3B	21.8B	146	156	81.3	59.4	62.8	50.3B	36.3B	5
6	26.0B	23.6B	19.8B	18.0B	22.7B	138	150	83.8	59.0	61.7	49.0B	36.0B	6
7	25.5B	23.4B	19.6B	17.9B	24.2B	131	153	83.4	59.9	64.0	46.5B	34.5B	7
8	25.0B	23.1B	19.9B	17.8B	26.8B	131	160	78.6	66.7	63.5	45.5B	31.5B	8
9	24.5B	22.7B	20.1B	17.5B	30.0B	127	156	75.0	76.7	62.0	46.0B	28.5B	9
10	24.0B	22.3B	20.5B	17.0B	35.0B	118	144	72.5	76.6	60.5	46.6B	26.4B	10
11	24.5B	21.5B	20.7B	16.6B	42.0B	114	140	71.1	82.5	59.0	47.5B	25.8B	11
12	24.9B	20.9B	20.9B	16.3B	49.0B	117	139	71.9	105	58.1	48.8B	25.6B	12
13	25.0B	20.4B	20.8B	16.1B	58.0B	122	137	72.4	117	58.9	48.0B	25.6B	13
14	25.2B	20.0B	20.7B	16.2B	68.0B	126	130	69.3	106	61.7	47.0B	25.5B	14
15	25.0B	19.8B	20.5B	16.3B	86.0B	144	123	67.0	98.5	73.1	46.5B	26.0B	15
16	24.8B	19.6B	20.4B	16.5B	99.6	155	118	65.2	95.9	84.2	46.3B	27.0B	16
17	24.5B	19.7B	20.1B	16.7B	109	150	117	63.5	93.4	78.2	46.0B	28.5B	17
18	24.2B	19.8B	20.0B	16.8B	122	138	115	63.4	92.2	72.5	45.0B	29.5B	18
19	24.0B	19.9B	19.7B	16.9B	123	132	112	62.6	92.9	69.0	43.0B	30.0B	19
20	23.6B	20.0B	19.4B	16.9B	129	133	107	61.5	92.5	65.4	41.0B	29.0B	20
21	23.2B	20.2B	19.2B	17.0B	129	131	105	61.1	89.5	60.2	39.5B	27.2B	21
22	22.6B	20.4B	19.0B	17.0B	122	147	105	61.7	86.3	58.0B	39.0B	26.0B	22
23	22.0B	20.7B	18.9B	17.2B	117	206	102	62.2	84.2	57.0B	40.0B	25.3B	23
24	22.2B	21.1B	19.2B	17.3B	116	195	97.4	60.4	82.6	56.5B	41.0B	25.9B	24
25	22.4B	21.6B	19.4B	17.4B	135	162	92.7	59.0	81.0	57.0B	40.6B	26.5B	25
26	22.6B	21.8B	19.6B	17.6B	171	156	90.5	57.7	79.3	57.5B	40.0B	26.9B	26
27	22.5B	21.9B	19.5B	17.9B	235	141	88.9	57.3	78.0	58.0B	39.7B	25.0B	27
28	22.0B	22.0B	19.5B	18.2B	269	177	87.2	59.1	76.7	56.5B	38.8B	20.5B	28
29	21.8B		19.4B	18.6B	260	167	85.2	57.4	74.3	55.0B	38.0B	19.0B	29
30	22.0B		19.2B	18.9B	228	145	83.7	55.8	72.1	54.0B	38.6B	18.4B	30
31	22.3B		19.0B		216		83.2	56.3		52.5B		18.0B	31
TOTAL	743.3	603.2	619.8	523.7	3 124.8	4 535	3 736.8	2 110.6	2 433.9	1 958.5	1 340.3	876.8	TOTAL
MEAN	24.0	21.5	20.0	17.5	101	151	121	68.1	81.1	63.2	44.7	28.3	MEAN
MAX	26.0	23.9	21.6	18.9	269	230	160	83.8	117	84.2	51.0	39.0	MAX
MIN	21.8	19.6	18.9	16.1	19.2	114	83.2	55.8	59.0	52.5	38.0	18.0	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 61.9
MAXIMUM DAILY, 269 ON MAY 28
MINIMUM DAILY, 16.1B ON APR 13
MAXIMUM INSTANTANEOUS,
282 AT 17:46 YST ON MAY 28

SUMMARY FOR THE YEAR 1981

TYPE OF GAUGE - RECORDING
LOCATION - LAT 61 52 22 N
LONG 134 50 00 W
DRAINAGE AREA, 6 760 km²

B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	64 200	JUL	323 000
FEB	52 100	AUG	182 000
MAR	53 600	SEP	210 000
APR	45 200	OCT	169 000
MAY	270 000	NOV	116 000
JUN	392 000	DEC	75 800

TOTAL DISCHARGE, 1 950 000 dam³

BONNET PLUME RIVER ABOVE GILLESPIE CREEK - STATION NO. 10MB004

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1981

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	5.68B	5.38B	4.80B	4.58B	9.10B	267 E	113	118	57.6	54.4	23.8B	11.7 B	1
2	5.60B	5.35B	4.77B	4.59B	10.1 B	300 E	115	110	55.4	51.5	23.0B	11.6 B	2
3	5.55B	5.33B	4.76B	4.59B	11.1 B	290 E	132	123	53.7	48.5	22.6B	11.3 B	3
4	5.47B	5.30B	4.78B	4.55B	13.0 B	260 E	150	135	52.3	45.6	22.0B	11.1 B	4
5	5.48B	5.25B	4.79B	4.53B	15.5 B	249 E	151	123	50.5	42.3	21.3B	10.8 B	5
6	5.50B	5.05B	4.80B	4.52B	20.0 B	280 E	145	121	50.2	41.2	20.8B	10.1 B	6
7	5.50B	4.98B	4.82B	4.51B	24.0 B	330 E	139	118	57.8	40.0B	20.3B	9.80B	7
8	5.49B	4.90B	4.84B	4.50B	31.0 B	375 E	134	110	115	40.0B	19.5B	9.60B	8
9	5.48B	4.83B	4.84B	4.53B	40.0 B	400 E	128	108	109	40.0B	19.0B	9.40B	9
10	5.47B	4.75B	4.82B	4.60B	50.0 B	325 E	123	121	99.0	40.0B	18.2B	9.30B	10
11	5.45B	4.70B	4.81B	4.62B	66.0 B	255 E	130	116	104	40.0B	17.7B	9.20B	11
12	5.44B	4.66B	4.80B	4.61B	99.0 B	215 E	145	115	106	40.0B	17.2B	9.20B	12
13	5.51B	4.59B	4.81B	4.64B	120 B	170 E	140	109	103	40.0B	17.0B	9.15B	13
14	5.60B	4.56B	4.83B	4.62B	123 B	110 A	123	111	96.8	38.2B	16.6B	9.10B	14
15	5.62B	4.58B	4.85B	4.63B	124	99.7	114	114	98.1	37.0B	16.2B	9.05B	15
16	5.64B	4.63B	4.82B	4.62B	126	91.7	115	107	97.4	36.0B	15.8B	9.00B	16
17	5.60B	4.75B	4.76B	4.66B	133	80.7	126	103	90.8	34.2B	15.3B	8.90B	17
18	5.40B	4.88B	4.74B	4.72B	174	71.6	161	97.2	89.0	32.5B	15.0B	8.80B	18
19	5.33B	4.98B	4.70B	4.76B	185	66.1	153	90.8	91.2	31.5B	14.8B	8.70B	19
20	5.26B	5.00B	4.63B	4.83B	194	62.6	151	90.6	89.1	30.5B	14.6B	8.60B	20
21	5.19B	5.00B	4.57B	4.92B	191	61.3	161	90.1A	84.6	29.8B	14.3B	8.40B	21
22	5.15B	4.94B	4.42B	5.00B	191	63.2	163	96.5	79.6	29.0B	14.0B	8.20B	22
23	5.10B	4.86B	4.39B	5.10B	179	63.9	147	88.9	75.3	28.0B	13.8B	8.00B	23
24	5.06B	4.82B	4.38B	5.30B	174	63.5	136	82.8	71.4	27.8B	13.6B	7.60B	24
25	5.03B	4.80B	4.38B	5.52B	205	64.7	125	77.6	68.4	27.0B	13.5B	7.30B	25
26	5.03B	4.82B	4.39B	5.80B	246	72.5	121	74.3	67.1	26.5B	13.0B	7.00B	26
27	5.03B	4.86B	4.43B	6.25B	277	96.1	121	72.1	65.2	26.2B	12.8B	6.60B	27
28	5.09B	4.90B	4.50B	6.68B	276	112	115	69.0	62.3	26.0B	12.6B	6.40B	28
29	5.18B		4.52B	7.20B	248	117	106	65.9	58.5	25.8B	12.2B	5.20B	29
30	5.25B		4.54B	8.10B	238 A	107	129	62.8	54.9	25.0B	11.9B	5.00B	30
31	5.37B		4.56B		246 E		135	60.2		24.5B		4.85B	31
TOTAL	166.55	137.45	144.85	152.08	4 038.80	5 119.6	4 147	3 080.8	2 353.2	1 099.0	502.4	268.95	TOTAL
MEAN	5.37	4.91	4.67	5.07	130	171	134	99.4	78.4	35.5	16.7	8.68	MEAN
MAX	5.68	5.38	4.85	8.10	277	400	163	135	115	54.4	23.8	11.7	MAX
MIN	5.03	4.56	4.38	4.50	9.10	61.3	106	60.2	50.2	24.5	11.9	4.85	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 58.1
MAXIMUM DAILY, 400E ON JUN 9
MINIMUM DAILY, 4.38B ON MAR 24

SUMMARY FOR THE YEAR 1981

TYPE OF GAUGE - RECORDING
LOCATION - LAT 64 44 54 N
LONG 133 40 50 W

A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	14 400	JUL	358 000
FEB	11 900	AUG	266 000
MAR	12 500	SEP	203 000
APR	13 100	OCT	95 000
MAY	349 000	NOV	43 400
JUN	442 000	DEC	23 200

TOTAL DISCHARGE, 1 830 000 dam³

YUKON TERRITORY

DEZADEASH RIVER AT HAINES JUNCTION - STATION NO. 08AA003

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1981

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	16.2B	15.2B	16.0B	15.8B	25.0B	64.8	56.8	52.0E	43.2E	44.9	39.2	27.3B	1
2	16.2B	15.1B	13.7B	15.9B	28.0B	59.6	56.5	51.0E	42.1A	44.6	38.6	26.6B	2
3	16.2B	15.0B	14.0B	16.1B	31.0E	58.3	56.7	50.0E	40.0	43.3	37.0B	26.0B	3
4	16.1B	14.5B	13.9B	16.2B	34.5E	55.9	57.6	49.5E	38.8	40.4	36.2B	25.3B	4
5	16.0B	14.1B	13.3B	16.4B	37.9A	54.1	57.2	48.0E	38.0	40.8	34.5B	24.5B	5
6	16.0B	14.8B	13.3B	16.4B	40.9	52.4	57.2	47.0E	38.7	40.8	34.0B	24.0B	6
7	16.1B	15.1B	13.3B	16.3B	49.8	53.2	57.6	46.5E	42.6	40.8	33.5B	23.4B	7
8	16.0B	15.2B	13.3B	16.3B	66.4	55.3	58.0	46.5E	47.6	41.6	33.2B	23.0B	8
9	16.0B	15.1B	13.3B	16.2B	57.1	52.6	57.8	46.8E	48.4	41.1	32.8B	22.9B	9
10	15.9B	15.0B	13.8B	16.1B	52.4	51.1	56.8	47.0E	50.3	38.2	32.3B	22.6B	10
11	15.9B	14.4B	14.7B	16.2B	55.3	49.8	55.6	46.5E	49.5	36.7	31.9B	22.6B	11
12	16.1B	13.9B	15.3B	16.4B	59.4	49.8	55.1	45.0E	50.0	38.0	31.0B	22.6B	12
13	16.4B	13.1B	16.5B	16.5B	60.1	51.2	55.1	43.3E	47.7	40.1	30.0B	22.7B	13
14	18.0B	12.8B	16.2B	16.5B	55.2	55.1	54.2	42.7E	48.5	50.9	29.9B	22.9B	14
15	17.6B	12.2B	15.7B	16.5B	51.9	58.4	52.8	43.0E	49.1	58.8	29.8B	23.1B	15
16	15.6B	11.4B	15.9B	16.7B	54.5	61.3	51.5	43.7E	49.8	56.4	29.7B	23.1B	16
17	15.3B	13.9B	16.2B	16.9B	62.7	65.2	52.4	44.0E	47.7	54.4	29.5B	23.1B	17
18	15.4B	16.0B	16.0B	17.1B	62.1	67.8	54.8	44.0E	49.7	53.1	29.0B	23.0B	18
19	15.4B	18.0B	16.1B	17.2B	60.9	69.7	53.6	43.0E	52.0	49.7	28.5B	22.3B	19
20	15.0B	17.5B	16.2B	17.5B	63.8	67.6	53.7	42.3E	51.2	45.8	27.8B	21.4B	20
21	14.8B	16.7B	16.3B	17.8B	57.0	67.3	53.5	41.0E	49.4	46.4	27.7B	21.0B	21
22	14.7B	15.8B	16.2B	18.1B	51.5	70.7	53.2	40.8E	49.3	47.8	27.8B	21.0B	22
23	14.7B	17.0B	16.1B	18.7B	48.6	80.7	53.0	40.7E	48.2	47.1	27.9B	21.1B	23
24	14.7B	18.5B	16.0B	19.0B	46.4	76.6	51.9	40.5E	47.5	47.8	27.4B	21.0B	24
25	14.7B	19.2B	15.9B	19.2B	51.1	71.0	50.9	40.7E	46.9	50.2	27.1B	20.8B	25
26	14.7B	18.5B	15.8B	19.9B	62.1	69.2	50.0	42.0E	46.5	50.8	27.1B	19.9B	26
27	14.7B	18.3B	15.9B	20.6B	76.3	68.2	51.2	41.7E	47.1	49.9	27.4B	19.0B	27
28	14.7B	18.1B	16.1B	21.4B	86.2A	65.5	51.4	40.5E	45.9	49.3	27.5B	18.9B	28
29	14.7B		16.0B	22.2B	80.0E	62.8	52.2E	40.3E	45.7	46.8	27.5B	18.8B	29
30	14.9B		16.0B	23.0B	72.6E	59.9	52.5E	41.0E	45.4	42.1	27.4B	18.6B	30
31	15.1B		15.9B		66.3A		52.2E	43.0E		41.8		18.5B	31
TOTAL	483.8	434.4	472.9	529.1	1 707.0	1 845.1	1 683.0	1 374.0	1 396.8	1 420.4	923.2	691.0	TOTAL
MEAN	15.6	15.5	15.3	17.6	55.1	61.5	54.3	44.3	46.6	45.8	30.8	22.3	MEAN
MAX	18.0	19.2	16.5	23.0	86.2	80.7	58.0	52.0	52.0	58.8	39.2	27.3	MAX
MIN	14.7	11.4	13.3	15.8	25.0	49.8	50.0	40.3	38.0	36.7	27.1	18.5	MIN

SUMMARY FOR THE YEAR 1981

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 35.5
MAXIMUM DAILY, 86.2A ON MAY 28
MINIMUM DAILY, 11.4B ON FEB 16
MAXIMUM INSTANTANEOUS,
87.9 AT 09:00 YST ON MAY 28

TYPE OF GAUGE - RECORDING
LOCATION - LAT 60 44 54 N
LONG 137 30 19 W
DRAINAGE AREA, 8 500 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
REGULATED SINCE 1974

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	41 800	JUL	145 000
FEB	37 500	AUG	119 000
MAR	40 900	SEP	121 000
APR	45 700	OCT	123 000
MAY	147 000	NOV	79 800
JUN	159 000	DEC	59 700

TOTAL DISCHARGE, 1 120 000 dam³

DONJEK RIVER BELOW KLUANE RIVER - STATION NO. 09CA003

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1981

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	25.0B	23.4B	18.9B	18.1B	40.0B	202	288	546	449	198 E	65.0B	22.8B	1
2	24.8B	22.7B	19.0B	18.0B	46.0B	184	271	572	402	196 E	64.0B	22.1B	2
3	24.5B	22.2B	19.0B	17.8B	53.5B	172	267	586	385	193 E	63.3B	20.9B	3
4	24.3B	22.0B	18.9B	17.9B	69.0B	160	262	596	367	189 E	61.0B	18.8B	4
5	24.1B	21.9B	18.7B	18.0B	85.0B	163	262	541	330	185 E	58.0B	18.2B	5
6	24.1B	21.7B	18.5B	18.0B	105 B	154	263	505	320	184 E	55.0B	17.5B	6
7	24.2B	21.5B	18.5B	18.0B	130 B	135	278	519	328	179 E	53.2B	16.9B	7
8	24.1B	21.3B	18.5B	18.2B	165 B	176	304	551	313	174 E	52.2B	16.7B	8
9	24.1B	21.0B	18.8B	18.4B	215 B	174	312	627	307	172 E	51.4B	16.4B	9
10	24.6B	20.9B	19.0B	18.7B	239	151	333	663	299	168 E	50.5B	16.3B	10
11	24.7B	20.5B	19.2B	19.0B	99.8	150	370	632	295	167 E	49.0B	16.2B	11
12	24.6B	20.2B	19.2B	19.2B	98.7	161	411	575	294	166 E	46.0B	16.3B	12
13	24.9B	19.9B	19.2B	19.3B	91.2	176	405	550	285	190 E	42.0B	16.5B	13
14	25.2B	19.6B	19.3B	19.6B	90.1	192	402	528	271	210 E	39.0B	16.8B	14
15	25.4B	19.5B	19.2B	20.0B	89.7	202	409	474	269	198 E	37.3B	17.2B	15
16	25.6B	19.1B	19.1B	20.5B	91.9	223	464	458	265	180 E	36.6B	17.5B	16
17	25.5B	18.9B	19.0B	21.0B	105	216	548	435	247	145 E	36.4B	17.8B	17
18	25.3B	18.9B	18.9B	21.2B	113	211	621	386	236	123 E	36.0B	17.7B	18
19	25.1B	19.1B	18.9B	21.8B	114	200	653	369	237	111 B	34.7B	17.2B	19
20	25.0B	19.4B	18.7B	22.4B	113	197	655	382	227	103 B	33.4B	16.5B	20
21	24.7B	19.5B	18.4B	23.0B	108	213	709	397	216	107 B	31.0B	16.4B	21
22	24.4B	19.4B	18.3B	23.6B	102	236	615	376	208	98.0B	29.5B	16.3B	22
23	24.0B	19.3B	18.3B	24.5B	94.4	264	568	352	202	95.0B	28.7B	16.4B	23
24	23.8B	19.1B	18.4B	25.2B	88.2	275	580	343	196	93.5B	28.3B	16.7B	24
25	23.6B	18.8B	18.5B	26.1B	95.5	273	602	339	196	95.5B	28.0B	16.9B	25
26	23.5B	18.5B	18.5B	27.3B	118	276	635	348	189A	90.0B	27.8B	17.0B	26
27	23.4B	18.3B	18.3B	29.0B	144	292	578	381	194E	82.5B	26.0B	16.9B	27
28	23.3B	18.4B	18.1B	31.0B	169	300	554	407	197E	79.0B	24.0B	16.4B	28
29	23.2B		18.1B	33.5B	204	289	579	440	199E	77.3B	23.4B	15.9B	29
30	23.5B		18.1B	36.5B	198	280	535	455	199E	72.0B	23.0B	15.3B	30
31	23.6B		18.1B		202		517	478		69.0B		15.0B	31
TOTAL	756.1	565.0	579.6	664.8	3 677.0	6 297	14 250	14 811	8 122	4 389.8	1 233.7	535.5	TOTAL
MEAN	24.4	20.2	18.7	22.2	119	210	460	478	271	142	41.1	17.3	MEAN
MAX	25.6	23.4	19.3	36.5	239	300	709	663	449	210	65.0	22.8	MAX
MIN	23.2	18.3	18.1	17.8	40.0	135	262	339	189	69.0	23.0	15.0	MIN

SUMMARY FOR THE YEAR 1981

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 153
MAXIMUM DAILY, 709 ON JUL 21
MINIMUM DAILY, 15.0B ON DEC 31
MAXIMUM INSTANTANEOUS,
758 AT 16:18 YST ON JUL 21

TYPE OF GAUGE - RECORDING
LOCATION - LAT 62 04 56 N
LONG 139 51 35 W

A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	65 300	JUL	1 230 000
FEB	48 800	AUG	1 280 000
MAR	50 100	SEP	702 000
APR	57 400	OCT	379 000
MAY	318 000	NOV	107 000
JUN	544 000	DEC	46 300

TOTAL DISCHARGE, 4 830 000 dam³

DUKE RIVER NEAR THE MOUTH - STATION NO. 09CA004

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1981

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	1.02 B	0.920B	0.895B	0.880B	15.3	8.85	12.9	21.3	8.75	3.73	2.79B	1.77B	1
2	1.02 B	0.930B	0.895B	0.880B	11.2	6.91	8.91	19.3	7.59	3.66	2.75B	1.77B	2
3	1.01 B	0.915B	0.890B	0.890B	13.4	5.41	8.68	17.3	7.12	3.59	2.69B	1.75B	3
4	1.00 B	0.890B	0.880B	0.895B	20.4	4.60	9.44	18.3	6.82	3.57	2.64B	1.64B	4
5	0.990B	0.875B	0.880B	0.900B	17.1	4.34	10.7	19.2	6.61	3.62	2.62B	1.57B	5
6	0.980B	0.880B	0.880B	0.890B	9.00	3.29	10.4	19.6	6.46	3.61	2.61B	1.54B	6
7	0.975B	0.890B	0.890B	0.880B	9.99	4.16	17.1	20.8	6.04	3.58	2.58B	1.50B	7
8	0.980B	0.900B	0.895B	0.880B	9.22	5.90	17.9	27.3	5.77	3.52	2.55B	1.49B	8
9	0.985B	0.905B	0.900B	0.890B	9.30	5.06	15.2	32.7	5.63	3.46	2.52B	1.47B	9
10	0.990B	0.900B	0.900B	0.880B	12.3	4.82	20.3	18.4	5.49	3.46	2.37B	1.46B	10
11	0.985B	0.895B	0.900B	0.875B	12.8	5.16	24.5	15.6	5.37	3.45	2.21B	1.46B	11
12	0.980B	0.880B	0.900B	0.875B	11.5	5.97	19.4	14.8	5.18	3.53	2.10B	1.44B	12
13	0.980B	0.875B	0.900B	0.870B	9.61	7.31	17.9	13.8	5.03	3.83	2.05B	1.42B	13
14	0.990B	0.870B	0.900B	0.875B	9.23	6.89	17.0	11.7	4.95	3.74	2.02B	1.42B	14
15	0.995B	0.865B	0.890B	0.885B	10.1	8.18	20.6	9.79	4.84	3.49	2.01B	1.43B	15
16	0.990B	0.855B	0.880B	0.900B	13.6	8.97	29.1	10.4	4.72	3.31	2.00B	1.45B	16
17	0.975B	0.850B	0.880B	0.910B	14.0	9.43	34.6	9.80	4.59	3.31	1.97B	1.46B	17
18	0.970B	0.845B	0.875B	0.925B	14.5	7.35	25.4	7.82	4.62	3.26	1.92B	1.46B	18
19	0.975B	0.850B	0.880B	0.955B	15.7	7.09	18.9	7.94	4.49	3.21	1.85B	1.45B	19
20	0.980B	0.865B	0.880B	0.980B	15.3	7.74	20.5	8.91	4.37	3.15	1.81B	1.40B	20
21	0.970B	0.880B	0.885B	1.00 B	13.5	8.51	19.9	7.41	4.31	3.27	1.78B	1.33B	21
22	0.960B	0.880B	0.890B	1.04 B	12.1	14.2	19.6	6.75	4.40	3.35	1.75B	1.30B	22
23	0.950B	0.870B	0.900B	1.09 B	11.0	21.9	19.8	6.40	4.23	3.26	1.76B	1.27B	23
24	0.940B	0.875B	0.905B	1.12 B	11.2	12.5	20.0	6.38	4.09	3.23	1.77B	1.27B	24
25	0.935B	0.878B	0.910B	1.20 B	17.5	12.8	22.3	6.76	4.01	3.34	1.78B	1.27B	25
26	0.930B	0.879B	0.905B	1.35 B	24.5	13.9	18.8	9.31	3.98	3.31	1.79B	1.28B	26
27	0.920B	0.880B	0.900B	1.65 B	22.0	14.8	18.3	15.8	3.80	3.13	1.79B	1.26B	27
28	0.915B	0.885B	0.890B	2.40 B	21.9	12.5	21.5	17.9	3.72	3.12	1.77B	1.21B	28
29	0.910B		0.878B	3.96	14.7	14.0	20.3	17.3	3.78	3.10	1.75B	1.16B	29
30	0.910B		0.875B	10.1	13.4	15.6	18.5	14.7	3.80	3.00B	1.76B	1.14B	30
31	0.915B		0.880B		13.4		23.0	12.6		2.86B		1.13B	31
TOTAL	30.025	24.682	27.608	42.825	428.75	268.14	581.43	446.07	154.56	105.05	63.76	43.97	TOTAL
MEAN	0.969	0.882	0.891	1.43	13.8	8.94	18.8	14.4	5.15	3.39	2.13	1.42	MEAN
MAX	1.02	0.930	0.910	10.1	24.5	21.9	34.6	32.7	8.75	3.83	2.79	1.77	MAX
MIN	0.910	0.845	0.875	0.870	9.00	3.29	8.68	6.38	3.72	2.86	1.75	1.13	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 6.07
MAXIMUM DAILY, 34.6 ON JUL 17
MINIMUM DAILY, 0.845B ON FEB 18
MAXIMUM INSTANTANEOUS,
56.9 AT 05:00 YST ON AUG 9

SUMMARY FOR THE YEAR 1981

TYPE OF GAUGE - RECORDING
LOCATION - LAT 61 21 37 N
LONG 139 09 23 W
DRAINAGE AREA, 631 km²

B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	2 590	JUL	50 200
FEB	2 130	AUG	38 500
MAR	2 390	SEP	13 400
APR	3 700	OCT	9 080
MAY	37 000	NOV	5 510
JUN	23 200	DEC	3 800

TOTAL DISCHARGE, 192 000 dam³

EAGLE RIVER AT DEMPSTER HIGHWAY BRIDGE - STATION NO. 09FB002

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1981

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	0.209B	0.106B	0.072B	0.105B	1.00B	14.6	39.4	26.7	4.24	3.07	0.540B	0.108B	1
2	0.205B	0.105B	0.071B	0.112B	2.01B	16.2	67.0	24.7	4.04	3.06	0.520B	0.099B	2
3	0.202B	0.103B	0.070B	0.118B	4.00B	18.5	46.2	26.7	3.71	2.82	0.500B	0.096B	3
4	0.201B	0.092B	0.070B	0.122B	9.00B	17.5	30.8	25.3	3.53	2.30	0.490B	0.095B	4
5	0.200B	0.080B	0.070B	0.129B	20.0 B	21.6	24.9	22.2	3.31	2.23 B	0.465B	0.087B	5
6	0.196B	0.069B	0.071B	0.143B	43.8 B	45.7	27.0	19.2	3.13	2.18 B	0.440B	0.081B	6
7	0.184B	0.061B	0.072B	0.147B	118 B	54.6	45.0	16.1	3.13	2.09 B	0.420B	0.079B	7
8	0.179B	0.058B	0.073B	0.150B	129	49.3	40.9	14.2	3.08	1.99 B	0.400B	0.078B	8
9	0.176B	0.057B	0.073B	0.153B	107	37.2	31.5	12.3	3.00	1.90 B	0.370B	0.074B	9
10	0.172B	0.057B	0.074B	0.160B	95.9	27.4	25.8	11.3	2.94	1.83 B	0.332B	0.068B	10
11	0.170B	0.056B	0.075B	0.168B	85.7	21.0	22.6	10.4	2.97	1.79 B	0.320B	0.062B	11
12	0.165B	0.055B	0.077B	0.175B	48.8	16.6	23.2	10.3	2.98	1.73 B	0.310B	0.060B	12
13	0.163B	0.052B	0.078B	0.188B	36.2	13.6	21.2	10.0	3.05	1.67 B	0.300B	0.058B	13
14	0.162B	0.050B	0.078B	0.201B	37.5	12.5	17.1	9.59	3.18	1.55 B	0.284B	0.057B	14
15	0.161B	0.049B	0.077B	0.225B	37.2	10.5	14.2	9.18	3.21	1.50 B	0.273B	0.056B	15
16	0.160B	0.046B	0.075B	0.240B	28.2	8.96	11.9	8.70	3.61	1.47 B	0.270B	0.054B	16
17	0.157B	0.044B	0.074B	0.251B	21.9	7.61	18.7	8.33	3.92	1.40 B	0.266B	0.053B	17
18	0.150B	0.041B	0.073B	0.260B	25.9	6.46	23.4	7.77	4.05	1.20 B	0.258B	0.051B	18
19	0.138B	0.040B	0.073B	0.276B	42.1	5.78	73.5	7.31	4.10	1.14 B	0.245B	0.050B	19
20	0.130B	0.039B	0.073B	0.305B	43.6	5.01	138	6.91	4.37	1.11 B	0.230B	0.044B	20
21	0.127B	0.043B	0.074B	0.330B	49.8	4.46	101	6.69	4.72	1.08 B	0.170B	0.030B	21
22	0.125B	0.046B	0.076B	0.348B	52.9	4.10	161	6.41	4.91	1.05 B	0.162B	0.022B	22
23	0.123B	0.049B	0.077B	0.365B	196	3.97	110	6.35	4.80	0.900B	0.158B	0.020B	23
24	0.122B	0.054B	0.077B	0.380B	146	3.75	63.5	6.50	4.58	0.840B	0.142B	0.018B	24
25	0.121B	0.058B	0.077B	0.395B	78.3	3.45	53.9	6.07	4.29	0.800B	0.131B	0.015B	25
26	0.119B	0.064B	0.080B	0.440B	57.5	3.34	58.7	5.59	4.11	0.760B	0.124B	0.014B	26
27	0.114B	0.070B	0.084B	0.470B	42.2	3.28	106	5.13	4.00	0.720B	0.120B	0.013B	27
28	0.111B	0.072B	0.085B	0.500B	27.7	3.82	83.5	4.90	3.88	0.680B	0.117B	0.012B	28
29	0.109B		0.090B	0.538B	22.8	10.1	53.6	4.68	3.65	0.640B	0.113B	0.012B	29
30	0.107B		0.095B	0.572B	21.9	18.7	38.8	4.53	3.22	0.590B	0.111B	0.011B	30
31	0.107B		0.101B		17.4		31.2	4.38		0.560B		0.011B	31
TOTAL	4.765	1.716	2.385	7.966	1 649.31	469.59	1 603.5	348.42	111.71	46.650	8.581	1.588	TOTAL
MEAN	0.154	0.061	0.077	0.266	53.2	15.7	51.7	11.2	3.72	1.50	0.286	0.051	MEAN
MAX	0.209	0.106	0.101	0.572	196	54.6	161	26.7	4.91	3.07	0.540	0.108	MAX
MIN	0.107	0.039	0.070	0.105	1.00	3.28	11.9	4.38	2.94	0.560	0.111	0.011	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 11.7
MAXIMUM DAILY, 196 ON MAY 23
MINIMUM DAILY, 0.011B ON DEC 30
MAXIMUM INSTANTANEOUS,
249 AT 14:30 YST ON MAY 23

SUMMARY FOR THE YEAR 1981

TYPE OF GAUGE - RECORDING
LOCATION - LAT 66 26 30 N
LONG 136 42 30 W
DRAINAGE AREA, 1 720 km²

B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	412	JUL	139 000
FEB	148	AUG	30 100
MAR	206	SEP	9 650
APR	688	OCT	4 030
MAY	143 000	NOV	741
JUN	40 600	DEC	137

TOTAL DISCHARGE, 369 000 dam³

YUKON TERRITORY

FIRTH RIVER NEAR THE MOUTH - STATION NO. 10MD001

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1981

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	0B	0B	0B	0B	0.060B	152 E	69.8	85.4	---	19.6 B	1.60 B	0B	1
2	0B	0B	0B	0B	0.140B	52.2A	61.7	121	---	17.7 B	1.40 B	0B	2
3	0B	0B	0B	0B	0.200B	51.0	59.3	140	---	16.0 B	1.14 B	0B	3
4	0B	0B	0B	0B	0.300B	47.3	58.0	128	---	14.6 B	1.02 B	0B	4
5	0B	0B	0B	0B	0.440B	46.1	74.0	104	---	13.3 B	0.880B	0B	5
6	0B	0B	0B	0B	0.700B	47.6	73.4	87.8	---	12.1 B	0.710B	0B	6
7	0B	0B	0B	0B	1.20 B	57.4	65.9	84.3	---	11.0 B	0.590B	0B	7
8	0B	0B	0B	0B	2.03 B	80.5	81.5	85.7	---	10.0 B	0.470B	0B	8
9	0B	0B	0B	0B	2.63 B	75.2	88.2	99.2	---	9.10B	0.360B	0B	9
10	0B	0B	0B	0B	3.55 B	82.5	95.2	160	---	8.40B	0.270B	0B	10
11	0B	0B	0B	0B	5.10 B	82.3	82.8	318	---	7.70B	0.150B	0B	11
12	0B	0B	0B	0B	8.20 B	79.5	82.5	350 A	---	7.10B	0.080B	0B	12
13	0B	0B	0B	0B	16.0 B	75.5	82.8	---	---	6.60B	0 B	0B	13
14	0B	0B	0B	0B	28.0 B	76.2	80.1	---	---	6.00B	0 B	0B	14
15	0B	0B	0B	0B	52.0 B	74.1	129	---	---	5.60B	0 B	0B	15
16	0B	0B	0B	0B	82.0 B	68.4	122	---	---	5.20B	0 B	0B	16
17	0B	0B	0B	0B	123 B	63.0	93.2	---	---	4.80B	0 B	0B	17
18	0B	0B	0B	0B	180 B	56.8	97.4	---	---	4.50B	0 B	0B	18
19	0B	0B	0B	0B	270 B	55.0	88.8	---	---	4.20B	0 B	0B	19
20	0B	0B	0B	0B	420 B	53.2	140 A	---	---	3.90B	0 B	0B	20
21	0B	0B	0B	0B	600 B	54.1	147 A	---	---	3.60B	0 B	0B	21
22	0B	0B	0B	0B	595 B	48.4	210	---	---	3.40B	0 B	0B	22
23	0B	0B	0B	0B	550 B	48.5	147	---	33.0A	3.16B	0 B	0B	23
24	0B	0B	0B	0B	390 B	47.6	111	---	32.9	2.96B	0 B	0B	24
25	0B	0B	0B	0B	251	48.0	107	---	32.8	2.76B	0 B	0B	25
26	0B	0B	0B	0B	225	49.1	134	---	32.6B	2.59B	0 B	0B	26
27	0B	0B	0B	0B	220	78.9	118	---	29.5B	2.42B	0 B	0B	27
28	0B	0B	0B	0B	238	94.8	95.2	---	26.6B	2.28B	0 B	0B	28
29	0B		0B	0B	253	79.6	85.9	---	24.0B	2.15B	0 B	0B	29
30	0B		0B	0B	255	75.8	82.6	---	21.7B	2.02B	0 B	0B	30
31	0B		0B		229 A		79.1	---		1.80B		0B	31
TOTAL	0	0	0	0	5 001.550	2 000.6	3 042.4	---	---	216.54	8.670	0	TOTAL
MEAN	0	0	0	0	161	66.7	98.1	---	---	6.99	0.289	0	MEAN
MAX	0	0	0	0	600	152	210	---	---	19.6	1.60	0	MAX
MIN	0	0	0	0	0.060	46.1	58.0	---	---	1.80	0	0	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MINIMUM DAILY, 0B ON JAN 1

SUMMARY FOR THE YEAR 1981

TYPE OF GAUGE - RECORDING
LOCATION - LAT 69 19 00 N
LONG 139 34 00 W
DRAINAGE AREA, 5 800 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	0	JUL	263 000
FEB	0	AUG	---
MAR	0	SEP	---
APR	0	OCT	18 700
MAY	432 000	NOV	749
JUN	173 000	DEC	0

FRANCES LAKE AT KILOMETRE 171.4 ROBERT CAMPBELL HIGHWAY - STATION NO. 10AB002

DAILY WATER LEVEL IN METRES FOR 1981

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	1.170E	1.066	0.957	0.939	0.950	4.247	3.116	2.307	1.777	2.104	1.786	1.486	1
2	1.165E	1.052	0.947	0.941	0.954	4.218	3.098	2.279	1.786	2.079	1.770	1.482	2
3	1.162E	1.015	0.948	0.942	0.956	4.182	3.098	2.253	1.785	2.049	1.761	1.469	3
4	1.160E	1.002	0.956	0.930	0.968	4.105	3.094	2.221	1.781	2.029	1.746	1.460	4
5	1.157E	1.019	0.966	0.925	0.976	4.019	3.100	2.220	1.795	2.002	1.749	1.463	5
6	1.154E	1.013	0.953	0.930	1.001	3.935	3.088	2.200	1.793	1.972	1.737	1.462	6
7	1.150E	1.013	0.953	0.935	1.040	3.846	3.069	2.186	1.795	1.951	1.709	1.442	7
8	1.148E	1.011	0.953	0.933	1.107	3.790	3.058	2.182	1.810	1.916	1.708	1.353	8
9	1.145E	0.983	0.954	0.931	1.202	3.740	3.030	2.170	1.816	1.900	1.683	1.273	9
10	1.141E	0.975	0.956	0.930	1.319	3.681	3.004	2.143	1.874	1.872	1.665	1.257	10
11	1.139E	0.967	0.956	0.927	1.458	3.622	2.985	2.118	1.949	1.860	1.659	1.263	11
12	1.136E	0.968	0.947	0.931	1.609	3.558	2.954	2.090	2.035	1.842	1.662	1.236	12
13	1.132E	0.954	0.958	0.929	1.769	3.498	2.933	2.069	2.113	1.824	1.663	1.232	13
14	1.127E	0.964	0.951	0.925	1.903	3.460	2.909	2.043	2.181	1.806	1.655	1.218	14
15	1.123E	0.976	0.956	0.920	2.020	3.426	2.880	2.010	2.219	1.809	1.639	1.211	15
16	1.121E	0.979	0.949	0.934	2.135	3.408	2.851	2.003	2.252	1.808	1.622	1.202	16
17	1.119E	0.966	0.943	0.926	2.267	3.386	2.814	1.969	2.255	1.802	1.609	1.208	17
18	1.116E	0.970	0.949	0.924	2.397	3.365	2.776	1.951	2.277	1.806	1.601	1.219	18
19	1.111E	0.976	0.948	0.928	2.545	3.317	2.736	1.944	2.285	1.804	1.590	1.226	19
20	1.108E	0.968	0.944	0.930	2.693	3.276	2.704	1.922	2.286	1.796	1.581	1.217	20
21	1.104E	0.966	0.945	0.934	2.839	3.240	2.673	1.897	2.287	1.797	1.573	1.221	21
22	1.100A	0.969	0.940	0.936	2.989	3.222	2.635	1.874	2.266	1.799	1.566	1.209	22
23	1.100	0.964	0.947	0.941	3.168	3.226	2.607	1.859	2.255	1.796	1.556	1.210	23
24	1.092	0.969	0.947	0.941	3.311	3.226	2.566	1.843	2.243	1.800	1.539	1.210	24
25	1.090	0.981	0.941	0.951	3.436	3.216	2.539	1.827	2.234	1.802	1.528	1.196	25
26	1.083	0.965	0.942	0.948	3.605	3.201	2.500	1.809	2.212	1.796	1.510	1.195	26
27	1.089	0.965	0.943	0.943	3.814	3.184	2.456	1.797	2.206	1.804	1.502	1.188A	27
28	1.091	0.961	0.935	0.946	3.970	3.184	2.428	1.798	2.176	1.812	1.507	1.180E	28
29	1.083		0.939	0.953	4.086	3.163	2.393	1.787	2.142	1.807	1.491	1.165E	29
30	1.083		0.936	0.954	4.182	3.137	2.368	1.780	2.129	1.796	1.487	1.150E	30
31	1.075		0.930		4.232		2.342	1.781		1.792		1.140E	31
MEAN	1.122	0.985	0.948	0.935	2.287	3.536	2.800	2.011	2.067	1.866	1.628	1.272	MEAN
MAX	1.170	1.066	0.966	0.954	4.232	4.247	3.116	2.307	2.287	2.104	1.786	1.486	MAX
MIN	1.075	0.954	0.930	0.920	0.950	3.137	2.342	1.780	1.777	1.792	1.487	1.140	MIN

WATER LEVELS IN METRES

MEAN, 1.792
MAXIMUM DAILY, 4.247 ON JUN 1
MINIMUM DAILY, 0.920 ON APR 15
MAXIMUM INSTANTANEOUS,
4.259 AT 12:45 YST ON JUN 1

WATER LEVELS ARE REFERRED TO ASSUMED DATUM
APPLY 729.621 m ADJUSTMENT TO CONVERT TO GEODETIC SURVEY OF CANADA DATUM

SUMMARY FOR THE YEAR 1981

TYPE OF GAUGE - RECORDING
LOCATION - LAT 61 23 30 N
LONG 129 37 40 W

A - MANUAL GAUGE
E - ESTIMATED
NATURAL FLOW

FRANCES RIVER NEAR WATSON LAKE - STATION NO. 10AB001

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1981

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	44.0B	29.8B	26.5B	26.4B	26.0B	724	347	182	112	159	108	70.0B	1
2	44.0B	29.5B	26.3B	26.2B	28.0B	699	342	175	113	157	104	68.5B	2
3	43.9B	29.3B	26.1B	26.0B	30.5B	668	343	170	110	154	104	65.0B	3
4	43.0B	29.0B	26.0B	25.9B	38.0B	637	344	167	108	147	103	64.0B	4
5	42.8B	29.2B	26.0B	25.8B	44.0B	604	342	166	106	139	99.1	63.0B	5
6	42.0B	29.3B	26.1B	25.5B	52.0B	573	338	162	108	134	98.6	61.5B	6
7	41.7B	29.4B	26.3B	25.2B	60.0B	548	335	158	109	133	97.0B	59.5B	7
8	41.0B	29.3B	26.8B	24.9B	72.0B	524	333	156	111	130	96.0B	58.5B	8
9	40.2B	28.5B	27.0B	24.8B	84.0B	503	328	152	118	129	95.0B	58.2B	9
10	39.3B	28.0B	27.1B	24.6B	101 B	486	320	148	130	125	94.0B	58.0B	10
11	38.8B	27.9B	27.3B	24.5B	130	469	313	145	142	122	92.0B	57.8B	11
12	38.4B	27.7B	27.5B	24.4B	151	455	305	142	157	120	90.0B	57.2B	12
13	38.2B	27.8B	27.7B	24.4B	175	440	299	138	167	119	87.0B	57.0B	13
14	38.2B	28.0B	27.8B	24.5B	193	429	293	134	175	116	86.0B	56.5B	14
15	38.0B	28.2B	27.7B	24.6B	203	426	285	132	181	119	86.0B	56.3B	15
16	37.8B	28.5B	27.5B	24.7B	214	424	277	130	191	121	86.0B	56.0B	16
17	37.0B	28.7B	27.3B	24.7B	234	424	269	126	195	121	85.0B	55.3B	17
18	36.0B	28.9B	27.1B	24.8B	262	417	263	125	198	122	83.0B	55.0B	18
19	35.8B	28.8B	27.0B	24.9B	290	408	255	121	200	122	81.5B	54.0B	19
20	35.6B	28.5B	26.9B	25.0B	320	405	251	118	200	120	79.0B	52.5B	20
21	35.7B	28.3B	26.8B	25.0B	344	398	244	116	198	118	77.5B	51.0B	21
22	35.8B	28.1B	26.4B	25.1B	380	390	239	113	194	115	75.0B	49.5B	22
23	35.6B	28.0B	26.2B	25.0B	426	385	234	111	190	117	74.5B	48.5B	23
24	35.0B	27.8B	26.1B	24.9B	451	382	227	111	186	116	75.0B	47.5B	24
25	34.2B	27.5B	26.1B	24.6B	485	376	219	109	180	119	74.0B	47.0B	25
26	33.0B	27.3B	26.2B	24.5B	550	371	212	107	175	119	73.7B	45.5B	26
27	32.0B	27.0B	26.4B	24.3B	609	367	207	107	171	116	73.5B	44.5B	27
28	31.3B	26.8B	26.7B	24.2B	645	362	204	108	169	115	73.2B	43.5B	28
29	30.8B		26.8B	24.5B	672	358	198	107	164	109	72.5B	42.0B	29
30	30.4B		26.7B	25.0B	698	352	192	107	160	105	71.8B	41.0B	30
31	30.0B		26.6B		721		187	108		107		39.0B	31
TOTAL	1 159.5	795.1	829.0	748.9	8 688.5	14 004	8 545	4 151	4 718	3 861	2 594.9	1 682.8	TOTAL
MEAN	37.4	28.4	26.7	25.0	280	467	276	134	157	125	86.5	54.3	MEAN
MAX	44.0	29.8	27.8	26.4	721	724	347	182	200	159	108	70.0	MAX
MIN	30.0	26.8	26.0	24.2	26.0	352	187	107	106	105	71.8	39.0	MIN

SUMMARY FOR THE YEAR 1981

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 142
MAXIMUM DAILY, 724 ON JUN 1
MINIMUM DAILY, 24.2B ON APR 28
MAXIMUM INSTANTANEOUS,
734 AT 23:53 YST ON MAY 31

TYPE OF GAUGE - RECORDING
LOCATION - LAT 60 28 26 N
LONG 129 07 08 W
DRAINAGE AREA, 12 800 km²

B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	100 000	JUL	738 000
FEB	68 700	AUG	359 000
MAR	71 600	SEP	408 000
APR	64 700	OCT	334 000
MAY	751 000	NOV	224 000
JUN	1 210 000	DEC	145 000

TOTAL DISCHARGE, 4 470 000 dam³

GILTANA CREEK NEAR THE MOUTH - STATION NO. 08AA009

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1981

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	0.084B	0.049B	0.047B	0.046B	0.070B	1.02	0.448	0.140	0.034	0.542	0.736	0.245B	1
2	0.084B	0.050B	0.048B	0.046B	0.074B	0.914	0.431	0.118	0.048	0.544	0.658	0.202B	2
3	0.084B	0.049B	0.048B	0.046B	0.077B	0.820	0.431	0.093	0.053	0.530	0.507	0.175B	3
4	0.082B	0.047B	0.047B	0.046B	0.082B	0.764	0.399	0.104	0.056	0.515	0.470E	0.181B	4
5	0.076B	0.046B	0.045B	0.046B	0.089B	0.687	0.398	0.116	0.058	0.491	0.440E	0.190B	5
6	0.067B	0.046B	0.044B	0.046B	0.098B	0.607	0.402	0.108	0.064	0.480	0.370E	0.152B	6
7	0.061B	0.046B	0.044B	0.045B	0.113B	0.560	0.428	0.096	0.092	0.522	0.330E	0.130B	7
8	0.061B	0.047B	0.045B	0.045B	0.148B	0.580	0.456	0.086	0.115	0.569	0.345E	0.100B	8
9	0.056B	0.047B	0.045B	0.045B	0.325B	0.527	0.448	0.073	0.135	0.564	0.375E	0.088B	9
10	0.053B	0.047B	0.045B	0.044B	0.870B	0.423	0.422	0.052	0.162	0.544	0.402E	0.076B	10
11	0.053B	0.046B	0.045B	0.044B	3.35 E	0.416	0.398	0.044	0.168A	0.516	0.425E	0.081B	11
12	0.054B	0.046B	0.045B	0.044B	4.93 A	0.381	0.349	0.044	0.174E	0.498	0.420E	0.088B	12
13	0.054B	0.045B	0.044B	0.044B	4.23	0.388	0.332	0.033	0.182E	0.503	0.365B	0.075B	13
14	0.055B	0.044B	0.044B	0.044B	3.58	0.359	0.306	0.019	0.196E	0.533	0.340B	0.065B	14
15	0.056B	0.044B	0.044B	0.045B	3.16	0.352	0.270	0.015	0.212E	0.676	0.320B	0.078B	15
16	0.055B	0.044B	0.044B	0.046B	2.86	0.354	0.248	0.010	0.230A	0.877	0.304B	0.095B	16
17	0.054B	0.043B	0.044B	0.046B	2.69	0.389	0.214	0.007	0.256	1.02	0.280B	0.103B	17
18	0.054B	0.043B	0.044B	0.047B	2.54	0.440	0.188	0.007	0.330	1.11	0.270B	0.092B	18
19	0.054B	0.044B	0.043B	0.048B	2.39	0.469	0.162	0.009	0.359	1.10	0.260B	0.077B	19
20	0.052B	0.044B	0.043B	0.049B	2.29	0.513	0.134	0.008	0.368	1.07	0.253B	0.062B	20
21	0.051B	0.046B	0.043B	0.050B	2.16	0.535	0.151	0.008	0.376	1.03	0.247B	0.050B	21
22	0.049B	0.046B	0.043B	0.052B	2.00	0.555	0.165	0.007	0.403	0.998	0.243B	0.048B	22
23	0.049B	0.045B	0.043B	0.054B	1.84	0.571	0.150	0.006	0.423	0.961	0.240B	0.052B	23
24	0.049B	0.045B	0.043B	0.055B	1.69	0.608	0.139	0.006	0.426	0.942	0.235B	0.057B	24
25	0.049B	0.044B	0.044B	0.057B	1.56	0.622	0.129	0.006	0.426	0.994	0.242B	0.064B	25
26	0.048B	0.045B	0.044B	0.059B	1.45	0.642	0.111	0.006	0.432	0.979	0.249B	0.060B	26
27	0.047B	0.046B	0.044B	0.060B	1.35	0.645	0.106	0.008	0.479	0.943	0.260B	0.044B	27
28	0.046B	0.046B	0.044B	0.062B	1.33	0.600	0.116	0.008	0.479	0.915	0.251B	0.032B	28
29	0.046B		0.045B	0.064B	1.29	0.559	0.126	0.009	0.473	0.875	0.243B	0.025B	29
30	0.047B		0.045B	0.067B	1.22	0.521	0.134	0.011	0.491	0.827	0.247B	0.023B	30
31	0.049B		0.046B		1.14		0.136	0.027		0.786		0.022B	31
TOTAL	1.779	1.280	1.382	1.492	50.996	16.821	8.327	1.284	7.700	23.454	10.327	2.832	TOTAL
MEAN	0.057	0.046	0.045	0.050	1.65	0.561	0.269	0.041	0.257	0.757	0.344	0.091	MEAN
MAX	0.084	0.050	0.048	0.067	4.93	1.02	0.456	0.140	0.491	1.11	0.736	0.245	MAX
MIN	0.046	0.043	0.043	0.044	0.070	0.352	0.106	0.006	0.034	0.480	0.235	0.022	MIN

SUMMARY FOR THE YEAR 1981

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.350
MAXIMUM DAILY, 4.93A ON MAY 12
MINIMUM DAILY, 0.006 ON AUG 23

TYPE OF GAUGE - RECORDING
LOCATION - LAT 61 11 50 N
LONG 136 58 42 W

A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	154	JUL	719
FEB	111	AUG	111
MAR	119	SEP	665
APR	129	OCT	2 030
MAY	4 410	NOV	892
JUN	1 450	DEC	245

TOTAL DISCHARGE, 11 000 dam³

YUKON TERRITORY

HESS RIVER ABOVE EMERALD CREEK - STATION NO. 09DA001

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1981

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	8.20B	6.80B	6.02B	5.86B	6.55B	313	136	130	61.0	57.1	29.0B	19.0B	1
2	8.22B	6.90B	6.00B	5.81B	6.52B	270 A	158	117	56.1	54.3	28.8B	18.9B	2
3	8.19B	6.95B	5.96B	5.75B	6.58B	225	176	115	52.3	48.3	28.5B	18.6B	3
4	8.04B	6.94B	5.86B	5.76B	6.65B	187	182	148	50.1	46.7	27.9B	18.3B	4
5	7.99B	6.80B	5.82B	5.80B	6.78B	203	175	176	47.8	41.0	27.2B	18.0B	5
6	8.00B	6.78B	5.85B	5.78B	6.90B	198	163	189	46.6	40.6E	26.5B	17.5B	6
7	8.00B	6.76B	5.90B	5.74B	6.95B	170	153	167	53.1	40.0E	26.0B	17.0B	7
8	8.00B	6.72B	5.98B	5.67B	7.00B	174	147	149	139	39.7E	25.9B	16.5B	8
9	8.01B	6.65B	6.02B	5.60B	7.05B	163	147	139	144	39.3A	25.7B	16.3B	9
10	8.05B	6.59B	6.09B	5.58B	7.10B	167	139	124	119	39.6	25.5B	16.0B	10
11	8.13B	6.54B	6.18B	5.59B	7.25B	161	144	121	119	38.4	25.0B	15.8B	11
12	8.20B	6.51B	6.20B	5.60B	7.50B	154	155	117	120	36.9	24.5B	15.6B	12
13	8.22B	6.37B	6.21B	5.69B	8.00B	149	145	106	118	36.0A	24.0B	15.5B	13
14	8.22B	6.22B	6.20B	5.78B	8.60B	151	128	99.6	108	35.4B	23.9B	15.5B	14
15	8.17B	6.20B	6.15B	6.00B	9.50B	142	122	98.7	101	35.0B	23.8B	15.6B	15
16	7.96B	6.25B	6.08B	6.10B	10.2 E	131	128	89.1	100	34.7B	23.8B	15.6B	16
17	7.84B	6.36B	6.00B	6.19B	16.5 E	114	136	91.0	96.7	34.6B	23.5B	15.5B	17
18	7.70B	6.35B	5.95B	6.20B	22.5 E	103	139	91.4	93.1	34.2B	23.0B	15.4B	18
19	7.50B	6.30B	5.87B	6.18B	30.0 E	95.5	142	84.6	98.0	33.9B	22.6B	15.2B	19
20	7.38B	6.27B	5.82B	6.19B	38.5 E	90.4	137	91.3	94.7	33.0B	22.0B	14.9B	20
21	7.27B	6.37B	5.80B	6.40B	50.0 E	90.5	137	95.0	89.0	32.8B	21.4B	14.6B	21
22	7.04B	6.39B	5.80B	6.57B	70.0 E	103	145	94.8	83.0	32.5B	21.2B	14.4B	22
23	7.00B	6.39B	5.85B	6.60B	105 E	137	135	85.0	77.9	31.9B	21.1B	14.3B	23
24	6.92B	6.35B	5.93B	6.60B	140 E	158	123	77.9	74.8	30.6B	21.1B	14.2B	24
25	6.84B	6.32B	6.00B	6.60B	200 E	146	120	72.5	71.6	30.0B	21.0B	14.0B	25
26	6.78B	6.18B	5.98B	6.62B	293 A	137	124	73.1	68.8	29.5B	20.9B	13.9B	26
27	6.71B	6.06B	5.94B	6.65B	331	141	142	80.7	66.3	29.3B	20.6B	13.6B	27
28	6.66B	6.00B	5.84B	6.64B	334	159	138	86.1	64.0	28.8B	20.2B	13.2B	28
29	6.62B		5.77B	6.62B	333	158	126	84.2	61.9	28.7B	19.8B	12.8B	29
30	6.62B		5.77B	6.60B	324	142	133	74.1	57.9	28.7B	19.4B	12.4B	30
31	6.67B		5.80B		328		147	65.0		28.8B		12.0B	31
TOTAL	235.14	181.32	184.64	182.76	2 734.63	4 732.4	4 422	3 342.1	2 532.7	1 130.3	713.8	480.1	TOTAL
MEAN	7.59	6.48	5.96	6.09	88.2	158	143	108	84.4	36.5	23.8	15.5	MEAN
MAX	8.22	6.95	6.21	6.65	334	313	182	189	144	57.1	29.0	19.0	MAX
MIN	6.62	6.00	5.77	5.58	6.52	90.4	120	65.0	46.6	28.7	19.4	12.0	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 57.2
MAXIMUM DAILY, 334 ON MAY 28
MINIMUM DAILY, 5.58B ON APR 10
MAXIMUM INSTANTANEOUS,
351 AT 08:00 YST ON MAY 27

SUMMARY FOR THE YEAR 1981

TYPE OF GAUGE - RECORDING
LOCATION - LAT 63 19 50 N
LONG 131 30 00 W
DRAINAGE AREA, 4 840 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	20 300	JUL	382 000
FEB	15 700	AUG	289 000
MAR	16 000	SEP	219 000
APR	15 800	OCT	97 700
MAY	236 000	NOV	61 700
JUN	409 000	DEC	41 500

TOTAL DISCHARGE, 1 800 000 dam³

HYLAND RIVER AT KILOMETRE 108.5 NAHANNI RANGE ROAD - STATION NO. 10AD002

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1981

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	8.75B	7.22B	6.18B	5.33B	7.05B	239	104	68.1	40.7	33.7	17.0B	10.0 B	1
2	8.80B	7.21B	6.05B	5.25B	7.40B	199	118	62.4	37.3	32.7	16.9B	9.50B	2
3	8.85B	7.22B	5.99B	5.08B	8.00B	174	131	56.8	34.2	30.4	16.6B	9.30B	3
4	8.75B	7.22B	5.93B	4.98B	8.50B	153	121	55.0	32.8	29.1	16.4B	9.10B	4
5	8.70B	7.27B	5.87B	4.82B	9.00B	155	109	63.2	33.9	28.5	16.1B	8.80B	5
6	8.75B	7.32B	5.85B	4.75B	9.60B	142	102	76.3	34.2	28.2	15.5B	8.70B	6
7	8.77B	7.40B	5.86B	4.65B	10.5 B	143	96.2	68.9	40.9	27.6	14.8B	8.40B	7
8	8.63B	7.37B	5.88B	4.62B	12.6 B	157	97.7	62.6	68.8	26.8	14.4B	8.40B	8
9	8.40B	7.28B	5.92B	4.60B	15.1 A	151	95.1	59.9	71.9	25.9	14.1B	8.35B	9
10	8.20B	7.20B	6.00B	4.60B	19.0	137	91.9	57.6	84.1	25.1	14.0B	8.40B	10
11	8.10B	7.15B	6.03B	4.62B	24.7	136	105	53.0	89.8	24.4	13.9B	8.40B	11
12	8.12B	7.10B	6.05B	4.63B	33.2	134	128	55.3	92.1	23.8	13.5B	8.45B	12
13	8.22B	7.08B	6.06B	4.65B	39.5	136	124	51.8	79.6	23.4	13.2B	8.50B	13
14	8.35B	7.10B	6.03B	4.68B	43.5	143	106	49.4	68.0	22.5B	13.0B	8.60B	14
15	8.40B	7.18B	5.95B	4.71B	46.7	144	104	49.6	61.3	22.0B	12.8B	8.60B	15
16	8.35B	7.21B	5.86B	4.73B	54.5	137	110	44.1	61.4	21.7B	12.8B	8.62B	16
17	8.20B	7.25B	5.74B	4.80B	63.1	119	113	41.2	59.5	21.5B	12.7B	8.65B	17
18	8.08B	7.25B	5.61B	4.85B	80.0	106	114	39.1	55.2	21.5B	12.6B	8.64B	18
19	8.03B	7.22B	5.50B	4.93B	97.7	107	113	37.6	54.3	21.6B	12.4B	8.65B	19
20	8.00B	7.20B	5.42B	5.00B	115	112	101	37.9	51.9	21.5B	12.2B	8.66B	20
21	8.04B	7.17B	5.41B	5.10B	121	109	93.2	38.7	48.4	21.4B	12.0B	8.40B	21
22	8.08B	7.00B	5.40B	5.20B	139	121	89.8	40.9	45.5	21.1B	12.0B	8.35B	22
23	8.10B	6.90B	5.39B	5.40B	153	141	87.0	38.1	43.0	20.5B	11.8B	8.30B	23
24	8.15B	6.80B	5.40B	5.60B	143	122	86.5	35.4	41.5	20.0B	11.7B	8.30B	24
25	8.20B	6.70B	5.43B	5.70B	168	108	83.1	33.6	40.0	19.0B	11.8B	8.25B	25
26	8.06B	6.55B	5.50B	5.90B	225	107	83.7	35.9	38.4	18.4B	11.7B	7.95B	26
27	7.92B	6.48B	5.52B	6.00B	257	114	79.8	39.5	36.5	17.8B	11.5B	7.40B	27
28	7.70B	6.35B	5.54B	6.30B	259	125	76.3	41.9	35.8	17.4B	11.1B	7.20B	28
29	7.50B		5.54B	6.50B	267	116	70.8	44.9	35.1	17.1B	10.5B	7.00B	29
30	7.38B		5.48B	6.80B	276	106	72.0	44.1	33.7	17.1B	10.2B	6.80B	30
31	7.30B		5.42B		272		76.1	41.4		17.0B		6.70B	31
TOTAL	254.88	198.40	177.81	154.78	2 984.65	4 093	3 082.2	1 524.2	1 549.8	718.7	399.2	259.37	TOTAL
MEAN	8.22	7.09	5.74	5.16	96.3	136	99.4	49.2	51.7	23.2	13.3	8.37	MEAN
MAX	8.85	7.40	6.18	6.80	276	239	131	76.3	92.1	33.7	17.0	10.0	MAX
MIN	7.30	6.35	5.39	4.60	7.05	106	70.8	33.6	32.8	17.0	10.2	6.70	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 42.2
MAXIMUM DAILY, 276 ON MAY 30
MINIMUM DAILY, 4.60B ON APR 9
MAXIMUM INSTANTANEOUS,
279 AT 08:40 YST ON MAY 31

SUMMARY FOR THE YEAR 1981

TYPE OF GAUGE - RECORDING
LOCATION - LAT 61 29 00 N
LONG 128 14 10 W
DRAINAGE AREA, 2 150 km²
A - MANUAL GAUGE
B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	22 000	JUL	266 000
FEB	17 100	AUG	132 000
MAR	15 400	SEP	134 000
APR	13 400	OCT	62 100
MAY	258 000	NOV	34 500
JUN	354 000	DEC	22 400

TOTAL DISCHARGE, 1 330 000 dam³

KING CREEK AT KILOMETRE 20.9 NAHANNI RANGE ROAD - STATION NO. 10AB003

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1981

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	0.040B	0.029B	0.026B	0.020B	0.020B	0.387	0.211	0.105	0.090	0.144	0.091B	0.051B	1
2	0.041B	0.029B	0.025B	0.021B	0.021B	0.325	0.226	0.103	0.077	0.128	0.087B	0.050B	2
3	0.042B	0.029B	0.025B	0.020B	0.022B	0.282	0.226	0.106	0.072	0.124	0.084B	0.050B	3
4	0.040B	0.028B	0.025B	0.020B	0.024B	0.265	0.220	0.105	0.075	0.118	0.087B	0.049B	4
5	0.039B	0.028B	0.025B	0.020B	0.025B	0.251	0.211	0.105	0.079	0.111	0.085B	0.049B	5
6	0.040B	0.028B	0.024B	0.020B	0.027B	0.249	0.209	0.101	0.081	0.109	0.081B	0.048B	6
7	0.040B	0.029B	0.024B	0.019B	0.031B	0.286	0.212	0.098	0.086	0.110	0.077B	0.045B	7
8	0.039B	0.028B	0.025B	0.019B	0.037B	0.251	0.225	0.091	0.084	0.113	0.073B	0.043B	8
9	0.036B	0.027B	0.025B	0.019B	0.050B	0.236	0.211	0.088	0.154	0.112	0.074B	0.041B	9
10	0.035B	0.027B	0.024B	0.017B	0.060B	0.231	0.202	0.087	0.173	0.105	0.075B	0.040B	10
11	0.035B	0.027B	0.023B	0.017B	0.075B	0.229	0.196	0.083	0.156	0.101	0.074B	0.039B	11
12	0.036B	0.027B	0.022B	0.017B	0.095B	0.227	0.192	0.082	0.172	0.099	0.072B	0.040B	12
13	0.037B	0.027B	0.023B	0.018B	0.125B	0.236	0.186	0.081	0.160	0.102	0.071B	0.041B	13
14	0.037B	0.029B	0.024B	0.019B	0.160B	0.227	0.172	0.079	0.166	0.114	0.070B	0.041B	14
15	0.037B	0.030B	0.025B	0.018B	0.210B	0.238	0.164	0.077	0.170	0.129	0.069B	0.040B	15
16	0.037B	0.031B	0.024B	0.018B	0.270B	0.257	0.158	0.078	0.177	0.131	0.067B	0.040B	16
17	0.036B	0.032B	0.024B	0.018B	0.350B	0.242	0.153	0.076	0.170	0.132	0.068B	0.040B	17
18	0.035B	0.031B	0.023B	0.018B	0.457A	0.243	0.148	0.073	0.179	0.115	0.067B	0.040B	18
19	0.034B	0.030B	0.022B	0.018B	0.486	0.256	0.145	0.074	0.182	0.112	0.065B	0.039B	19
20	0.034B	0.029B	0.021B	0.018B	0.491	0.348	0.140	0.071	0.176	0.105B	0.063B	0.039B	20
21	0.034B	0.030B	0.020B	0.018B	0.489	0.296	0.138	0.070	0.169	0.100B	0.060B	0.039B	21
22	0.035B	0.028B	0.020B	0.018B	0.672	0.277	0.141	0.068	0.163	0.097B	0.058B	0.038B	22
23	0.036B	0.027B	0.020B	0.019B	0.553	0.266	0.135	0.074	0.158	0.098B	0.057B	0.037B	23
24	0.035B	0.027B	0.021B	0.019B	0.535	0.248	0.132	0.068	0.157	0.100B	0.056B	0.037B	24
25	0.034B	0.028B	0.022B	0.019B	0.675	0.234	0.130	0.065	0.152	0.097B	0.058B	0.036B	25
26	0.034B	0.028B	0.022B	0.018B	0.852	0.232	0.127	0.062	0.151	0.091B	0.059B	0.035B	26
27	0.033B	0.026B	0.022B	0.019B	0.671	0.238	0.126	0.060	0.149	0.087B	0.056B	0.034B	27
28	0.032B	0.025B	0.021B	0.019B	0.457A	0.237	0.118	0.075	0.143	0.088B	0.054B	0.033B	28
29	0.031B		0.021B	0.019B	0.467	0.224	0.115	0.072	0.135	0.089B	0.053B	0.032B	29
30	0.029B		0.021B	0.020B	0.471	0.222	0.109	0.071	0.139	0.091B	0.052B	0.030B	30
31	0.029B		0.020B		0.445		0.108	0.093		0.092B		0.029B	31
TOTAL	1.112	0.794	0.709	0.562	9.323	7.740	5.186	2.541	4.195	3.344	2.063	1.245	TOTAL
MEAN	0.036	0.028	0.023	0.019	0.301	0.258	0.167	0.082	0.140	0.108	0.069	0.040	MEAN
MAX	0.042	0.032	0.026	0.021	0.852	0.387	0.226	0.106	0.182	0.144	0.091	0.051	MAX
MIN	0.029	0.025	0.020	0.017	0.020	0.222	0.108	0.060	0.072	0.087	0.052	0.029	MIN

SUMMARY FOR THE YEAR 1981

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.106
MAXIMUM DAILY, 0.852 ON MAY 26
MINIMUM DAILY, 0.017B ON APR 10
MAXIMUM INSTANTANEOUS,
1.14 AT 14:20 YST ON MAY 26

TYPE OF GAUGE - RECORDING
LOCATION - LAT 60 56 50 N
LONG 128 55 40 W
DRAINAGE AREA, 13.7 km²
A - MANUAL GAUGE
B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	96.1	JUL	448
FEB	68.6	AUG	220
MAR	61.3	SEP	362
APR	48.6	OCT	289
MAY	806	NOV	178
JUN	669	DEC	108

TOTAL DISCHARGE, 3 350 dam³

KLONDIKE RIVER ABOVE BONANZA CREEK - STATION NO. 09EA003

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1981

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	8.15B	10.5 B	10.9B	11.3 B	11.1B	225	121	95.7	74.2	104	42.0	25.2B	1
2	8.30B	10.3 B	11.8B	11.5 B	11.2B	205	116	92.5	70.6	98.4	40.7B	25.0B	2
3	8.48B	9.80B	12.0B	11.5 B	11.4B	278	122	102	67.9	92.4	40.0B	25.0B	3
4	8.64B	9.80B	11.7B	11.2 B	11.8B	249	205	117	66.0	82.7	39.3B	24.8B	4
5	8.60B	9.87B	11.2B	11.1 B	12.3B	224	222	112	63.8	72.0	38.2B	24.3B	5
6	8.65B	9.52B	11.0B	11.0 B	13.1B	210	196	105	61.9	69.4	38.1B	23.7B	6
7	8.70B	8.96B	10.9B	11.1 B	15.0B	184	179	99.6	68.0	70.7	38.2B	23.0B	7
8	8.94B	8.68B	10.9B	10.9 B	30.0B	170	176	93.9	88.7	72.7	38.3B	22.4B	8
9	9.05B	8.60B	11.0B	10.6 B	50.0B	171	175	92.1	97.1	71.9	38.2B	21.6B	9
10	8.95B	8.55B	11.1B	10.5 B	95.0B	162	164	96.2	92.1	70.0	37.9B	20.5B	10
11	8.87B	8.00B	11.6B	10.5 B	172	162	151	94.9	94.4	66.5	37.0B	20.0B	11
12	9.00B	7.65B	11.8B	10.9 B	187	164	146	96.6	108	64.6	34.3B	19.6B	12
13	9.25B	7.68B	11.8B	11.0 B	159	156	142	98.4	132	68.9	32.9B	19.7B	13
14	9.36B	7.90B	11.5B	10.8 B	124	153	130	105	136	83.6	31.5B	19.8B	14
15	10.0 B	8.40B	11.5B	10.8 B	105	146	119	128	128	92.9	30.6B	19.4B	15
16	9.60B	8.60B	11.6B	10.8 B	110	137	111	134	138	93.4	29.5B	19.6B	16
17	9.90B	8.90B	11.6B	10.9 B	118	125	109	146	141	88.8	28.7B	19.8B	17
18	10.2 B	9.50B	11.5B	10.7 B	145	112	107	145	138	84.9	27.8B	19.8B	18
19	10.3 B	9.65B	11.4B	10.5 B	172	104	165	136	146	75.4	26.6B	19.2B	19
20	9.70B	10.0 B	11.2B	10.2 B	171	97.7	215	129	162	59.2	26.0B	18.1B	20
21	9.50B	10.2 B	11.2B	10.0 B	163	91.4	181	123	190	48.8	25.7B	16.9B	21
22	9.30B	11.0 B	11.4B	9.90B	155	90.4	165	118	194	54.8	25.2B	15.8B	22
23	9.20B	11.4 B	11.4B	10.0 B	165	89.0	153	115	178	61.1	25.0B	15.2B	23
24	9.70B	11.3 B	11.3B	10.3 B	167	83.7	141	109	159	61.7	25.0B	15.1B	24
25	10.0 B	11.1 B	11.1B	10.5 B	166	77.4	130	105	148	59.4	25.2B	14.8B	25
26	9.90B	11.0 B	11.2B	10.6 B	215	74.8	127	99.1	139	51.1	25.1B	13.7B	26
27	9.60B	10.8 B	11.4B	10.8 B	236	77.1	126	94.0	134	46.4	25.0B	12.7B	27
28	9.50B	10.7 B	11.5B	10.9 B	279	89.2	118	88.9	124	47.8	25.0B	12.3B	28
29	9.50B		11.4B	11.0 B	302	97.2	111	84.4	116	49.1	25.0B	12.1B	29
30	10.0 B		11.2B	11.0 B	269	107	106	80.8	110	46.6	25.2B	11.9B	30
31	10.2 B		11.2B		234		101	77.7		44.4		11.8B	31
TOTAL	289.04	268.36	352.3	322.80	4 074.9	4 311.9	4 530	3 313.8	3 565.7	2 152.6	947.2	582.8	TOTAL
MEAN	9.32	9.58	11.4	10.8	131	144	146	107	119	69.4	31.6	18.8	MEAN
MAX	10.3	11.4	12.0	11.5	302	278	222	146	194	104	42.0	25.2	MAX
MIN	8.15	7.65	10.9	9.90	11.1	74.8	101	77.7	61.9	44.4	25.0	11.8	MIN

SUMMARY FOR THE YEAR 1981

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 67.7
MAXIMUM DAILY, 302 ON MAY 29
MINIMUM DAILY, 7.65B ON FEB 12
MAXIMUM INSTANTANEOUS,
308 AT 10:30 YST ON MAY 29

TYPE OF GAUGE - RECORDING
LOCATION - LAT 64 02 34 N
LONG 139 24 28 W
DRAINAGE AREA, ? 800 km²

B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	25 000	JUL	391 000
FEB	23 200	AUG	286 000
MAR	30 400	SEP	308 000
APR	27 900	OCT	186 000
MAY	352 000	NOV	81 800
JUN	373 000	DEC	50 400

TOTAL DISCHARGE, 2 130 000 dam³

YUKON TERRITORY

KLUANE LAKE NEAR BURWASH LANDING - STATION NO. 09CA001

DAILY WATER LEVEL IN METRES FOR 1981

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	2.340E	2.289E	2.199	2.111	2.086	2.410	2.976	3.793	3.831	3.136	2.632	2.414	1
2	2.330E	2.282E	2.194	2.114	2.092	2.442	2.985	3.807	3.818	3.101	2.603	2.419	2
3	2.320E	2.275E	2.197	2.113	2.094	2.449	3.014	3.828	3.791	3.063	2.618	2.409	3
4	2.330E	2.269A	2.189	2.114	2.098	2.461	3.026	3.834	3.768	3.012	2.595	2.410	4
5	2.325E	2.265	2.184	2.113	2.099	2.497	3.042	3.809	3.743	2.978	2.608	2.417	5
6	2.320E	2.25[illegible]	2.181	2.114	2.107	2.512	3.057	3.789	3.711	3.001	2.605	2.413	6
7	2.322E	2.256	2.180	2.114	2.121	2.535	3.069	3.777	3.700	2.994	2.568	2.405	7
8	2.325E	2.255	2.173	2.110	2.124	2.545	3.091	3.789	3.688	2.957	2.567	2.405	8
9	2.322E	2.251	2.167	2.113	2.130	2.556	3.086	3.821	3.671	2.926	2.571	2.396	9
10	2.321E	2.251	2.165	2.111	2.146	2.568	3.108	3.851	3.642	2.922	2.553	2.384	10
11	2.321E	2.255	2.156	2.109	2.156	2.582	3.142	3.885	3.615	2.880	2.549	2.380	11
12	2.320E	2.249	2.157	2.103	2.167	2.589	3.181	3.901	3.577	2.877	2.546	2.373	12
13	2.321E	2.246	2.156	2.101	2.175	2.602	3.209	3.900	3.551	2.872	2.551	2.374	13
14	2.320E	2.244	2.150	2.101	2.184	2.617	3.236	3.898	3.512	2.864	2.548	2.369	14
15	2.321E	2.238	2.154	2.097	2.191	2.640	3.268	3.872	3.475	2.853	2.544	2.362	15
16	2.320E	2.236	2.150	2.095	2.201	2.668	3.305	3.869	3.460	2.831	2.539	2.352	16
17	2.315E	2.235	2.142	2.091	2.217	2.683	3.352	3.881	3.433	2.802	2.533	2.343	17
18	2.310E	2.234	2.143	2.086	2.231	2.708	3.420	3.860	3.394	2.791	2.529	2.336	18
19	2.310E	2.230	2.143	2.083	2.239	2.735	3.462	3.841	3.366	2.792	2.525	2.344	19
20	2.310E	2.223	2.147	2.083	2.246	2.757	3.506	3.803	3.350	2.763	2.514	2.345	20
21	2.310E	2.220	2.143	2.082	2.255	2.775	3.548	3.781	3.332	2.747	2.504	2.336	21
22	2.310E	2.222	2.135	2.082	2.257	2.806	3.580	3.782	3.312	2.753	2.495	2.330	22
23	2.310E	2.219	2.135	2.081	2.261	2.836	3.615	3.778	3.285	2.738	2.488	2.322	23
24	2.315E	2.215	2.139	2.079	2.267	2.860	3.635	3.772	3.242	2.742	2.469	2.325	24
25	2.318E	2.212	2.134	2.080	2.281	2.885	3.667	3.767	3.228	2.763	2.481	2.321	25
26	2.320E	2.206	2.122	2.080	2.302	2.902	3.700	3.767	3.228	2.740	2.455	2.325	26
27	2.318E	2.205	2.119	2.084	2.309	2.917	3.737	3.774	3.191	2.731	2.449	2.321	27
28	2.315E	2.203	2.123	2.088	2.325	2.938	3.750	3.801	3.164	2.716	2.454	2.320	28
29	2.307A		2.123	2.085	2.363	2.963	3.777	3.812	3.137	2.697	2.443	2.315	29
30	2.301E		2.119	2.085	2.377	2.961	3.786	3.816	3.137	2.678	2.421	2.313	30
31	2.295E		2.121		2.385		3.795	3.834		2.674		2.310	31
MEAN	2.317	2.241	2.153	2.097	2.209	2.680	3.359	3.822	3.478	2.851	2.532	2.361	MEAN
MAX	2.340	2.289	2.199	2.114	2.385	2.963	3.795	3.901	3.831	3.136	2.632	2.419	MAX
MIN	2.295	2.203	2.119	2.079	2.086	2.410	2.976	3.767	3.137	2.674	2.421	2.310	MIN

SUMMARY FOR THE YEAR 1981

WATER LEVELS IN METRES

MEAN, 2.678
MAXIMUM DAILY, 3.901 ON AUG 12
MINIMUM DAILY, 2.079 ON APR 24
MAXIMUM INSTANTANEOUS,
3.910 AT 17:51 YST ON AUG 12

TYPE OF GAUGE - RECORDING
LOCATION - LAT 61 03 18 N
LONG 138 30 12 W

A - MANUAL GAUGE

E - ESTIMATED

NATURAL FLOW

WATER LEVELS ARE REFERRED TO ASSUMED DATUM
APPLY 777.304 m ADJUSTMENT TO CONVERT TO GEODETIC SURVEY OF CANADA DATUM (LOCAL 1943 ADJ.)

KLUANE RIVER AT OUTLET OF KLUANE LAKE - STATION NO. 09CA002

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1981

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	22.8B	21.8B	15.9B	15.1B	16.5	44.7	117	267	262	120	62.0B	30.1B	1
2	22.7B	21.9B	16.0B	15.1B	16.4	40.9	117	264	262	119	63.0B	30.0B	2
3	22.5B	21.9B	15.9B	15.0B	17.0	44.5	109	258	261	121	61.0B	30.0B	3
4	21.9B	21.6B	15.8B	15.0B	17.3	48.0	116	257	259	126	57.0B	29.5B	4
5	21.7B	20.5B	15.5B	14.9B	17.5	44.6	116	272	255	114	52.0B	28.3B	5
6	21.7B	20.5B	15.3B	14.9B	17.7	46.9	119	282	260	111	49.5B	27.5B	6
7	21.9B	20.4B	15.2B	14.9B	18.1	49.3	124	284	246	106	46.0B	26.7B	7
8	22.0B	20.4B	15.2B	14.9B	19.0	55.6	122	281	240	107	42.0B	25.2B	8
9	22.3B	20.4B	15.3B	14.8B	19.7	51.6	131	270	235	106	39.0B	24.1B	9
10	22.4B	20.0B	15.8B	14.7B	20.7	52.2	133	273	233	103	37.0B	23.0B	10
11	22.5B	19.8B	16.0B	14.5B	21.3	52.6	135	279	228	110	36.2B	22.8B	11
12	22.8B	19.0B	16.0B	14.5B	21.8	53.6	138	290	229	98.1	35.5B	22.6B	12
13	23.0B	18.5B	16.0B	14.5B	23.0	55.1	144	297	220	96.3	35.0B	22.7B	13
14	23.1B	17.5B	15.9B	14.4B	23.1	58.4	149	294	219	94.7	34.7B	22.8B	14
15	22.9B	16.5B	15.8B	14.5B	24.0	59.7	157	308	217	91.4	34.5B	22.9B	15
16	22.4B	16.2B	15.7B	14.6B	24.8	61.2	164	290	200	91.1	34.4B	22.8B	16
17	22.2B	16.1B	15.6B	14.6B	26.0	66.4	171	276	191	98.0	34.2B	22.4B	17
18	22.0B	16.2B	15.5B	14.6B	26.3	69.2	178	279	198	91.8	34.1B	21.0B	18
19	22.0B	16.3B	15.5B	14.6B	28.1	70.0	189	277	191	82.7	34.0B	19.1B	19
20	21.9B	16.5B	15.4B	14.6B	29.3	73.5	195	291	177	86.8	33.8B	18.6B	20
21	21.6B	16.4B	15.4B	14.7B	28.0	77.9	202	281	167	86.2	32.7B	18.3B	21
22	21.5B	16.3B	15.2B	14.8B	28.4	78.4	208	261	160	81.3	31.5B	18.1B	22
23	21.3B	16.0B	14.9B	14.9B	28.7	86.4	215	255	160	82.0	31.0B	18.1B	23
24	21.3B	15.8B	14.8B	14.9B	30.2	92.5	227	253	161	76.6	31.1B	18.0B	24
25	21.3B	15.5B	14.8B	15.0B	30.5	91.9	231	250	151	72.5	31.3B	17.8B	25
26	21.1B	15.5B	14.9B	15.1B	29.6	96.0	233	252	140	74.6	31.4B	17.0B	26
27	20.9B	15.5B	15.1B	15.4	34.3	103	235	253	141	73.1	31.5B	16.2B	27
28	21.0B	15.6B	15.2B	16.0	38.8	101	242	253	138	70.7	31.2B	15.5B	28
29	21.2B		15.2B	15.9	35.6	103	245	259	133	70.1	30.6B	15.2B	29
30	21.5B		15.1B	16.4	40.3	118	249	264	127	73.8	30.4B	15.1B	30
31	21.6B		15.1B		44.8		256	259		62.0		14.8B	31
TOTAL	681.0	508.6	479.0	447.8	796.8	2 046.1	5 367	8 429	6 061	2 896.8	1 167.6	676.2	TOTAL
MEAN	22.0	18.2	15.5	14.9	25.7	68.2	173	272	202	93.4	38.9	21.8	MEAN
MAX	23.1	21.9	16.0	16.4	44.8	118	256	308	262	126	63.0	30.1	MAX
MIN	20.9	15.5	14.8	14.4	16.4	40.9	109	250	127	62.0	30.4	14.8	MIN

SUMMARY FOR THE YEAR 1981

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 81.0
MAXIMUM DAILY, 308 ON AUG 15
MINIMUM DAILY, 14.4B ON APR 14
MAXIMUM INSTANTANEOUS,
325 AT 14:34 YST ON AUG 15

TYPE OF GAUGE - RECORDING
LOCATION - LAT 61 25 37 N
LONG 139 02 56 W
DRAINAGE AREA, 4 950 km²

B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	58 800	JUL	464 000
FEB	43 900	AUG	728 000
MAR	41 400	SEP	524 000
APR	38 700	OCT	250 000
MAY	68 800	NOV	101 000
JUN	177 000	DEC	58 400

TOTAL DISCHARGE, 2 550 000 dam³

KUSAWA LAKE NEAR WHITEHORSE - STATION NO. 09AC005

DAILY WATER LEVEL IN METRES FOR 1981

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	0.906	0.846	0.793	0.715	0.708E	1.675	2.516	2.713	2.301	2.030	1.623	1.245	1
2	0.917	0.849	0.789	0.715	0.709E	1.736	2.518	2.686	2.299	1.995	1.588	1.235	2
3	0.917	0.847	0.786	0.714	0.710E	1.787	2.523	2.651	2.287	1.960	1.586	1.213	3
4	0.926	0.842	0.776	0.709	0.712E	1.820	2.519	2.624	2.265	1.939	1.576	1.189	4
5	0.924	0.838	0.760	0.706	0.712E	1.837	2.504	2.633	2.235	1.897	1.567	1.172	5
6	0.917	0.830	0.758	0.703	0.712E	1.856	2.495	2.638	2.215	1.873	1.545	1.181	6
7	0.914	0.831	0.757	0.705	0.715E	1.886	2.483	2.646	2.217	1.843	1.518	1.162	7
8	0.907	0.825	0.751	0.697	0.718E	1.907	2.467	2.655	2.257	1.835	1.496	1.151	8
9	0.900	0.822	0.760	0.689	0.720E	1.923	2.459	2.665	2.324	1.821	1.488	1.139	9
10	0.896	0.825	0.760	0.677	0.725E	1.926	2.443	2.656	2.360	1.794	1.484	1.126	10
11	0.891	0.814	0.766	0.673	0.740E	1.932	2.449	2.659	2.398	1.777	1.483	1.110	11
12	0.889	0.804	0.762	0.677	0.750E	1.943	2.438	2.647	2.410	1.756	1.476	1.103	12
13	0.882	0.794	0.755	0.681	0.762E	1.968	2.447	2.628	2.400	1.750	1.446	1.092	13
14	0.874	0.794	0.748	0.680	0.797A	2.003	2.472	2.605	2.376	1.731	1.425	1.079	14
15	0.880	0.793	0.748	0.679	0.810	2.043	2.492	2.586	2.392	1.746	1.403	1.070	15
16	0.878	0.795	0.753	0.679	0.836	2.092	2.529	2.551	2.372	1.755	1.399	1.066	16
17	0.872	0.795	0.746	0.684	0.873	2.145	2.568	2.484	2.329	1.743	1.382	1.061	17
18	0.869	0.796	0.743	0.682	0.906	2.195	2.629	2.472	2.331	1.775	1.358	1.058	18
19	0.872	0.798	0.739	0.690	0.944	2.244	2.682	2.450	2.338	1.744	1.347	1.053	19
20	0.872	0.797	0.738	0.686	0.984	2.291	2.720	2.420	2.318	1.736	1.356	1.052	20
21	0.864	0.804	0.727	0.685E	1.028	2.334	2.745	2.404	2.291	1.739	1.334	1.051	21
22	0.866	0.806	0.723	0.690E	1.064	2.367	2.755	2.393	2.270	1.742	1.321	1.040	22
23	0.871	0.799	0.719	0.695E	1.095	2.403	2.769	2.370	2.258	1.728	1.321	1.027	23
24	0.870	0.801	0.726	0.698E	1.130	2.458	2.778	2.348	2.241	1.713	1.330	1.018	24
25	0.865	0.800	0.725	0.700E	1.174	2.482	2.786	2.333	2.219	1.694	1.303	1.013	25
26	0.856	0.799	0.726	0.700E	1.226	2.515	2.774	2.319	2.168	1.689	1.298	1.000	26
27	0.856	0.793	0.728	0.700E	1.292	2.533	2.770	2.307	2.131	1.674	1.300	0.991	27
28	0.856	0.795	0.716	0.700E	1.366	2.532	2.773	2.294	2.090	1.660	1.272	0.982	28
29	0.854		0.719	0.703E	1.437	2.540	2.761	2.296	2.063	1.658	1.246	0.971	29
30	0.847		0.717	0.706E	1.524	2.547	2.747	2.305	2.048	1.640	1.236	0.962	30
31	0.849		0.716		1.608		2.731	2.308		1.637		0.953	31
MEAN	0.882	0.812	0.746	0.694	0.951	2.131	2.605	2.508	2.273	1.777	1.417	1.083	MEAN
MAX	0.926	0.849	0.793	0.715	1.608	2.547	2.786	2.713	2.410	2.030	1.623	1.245	MAX
MIN	0.847	0.793	0.716	0.673	0.708	1.675	2.438	2.294	2.048	1.637	1.236	0.953	MIN

SUMMARY FOR THE YEAR 1981

WATER LEVELS IN METRES

MEAN, 1.494
MAXIMUM DAILY, 2.786 ON JUL 25
MINIMUM DAILY, 0.673 ON APR 11
MAXIMUM INSTANTANEOUS,
2.793 AT 18:12 YST ON JUL 25

WATER LEVELS ARE REFERRED TO ASSUMED DATUM

TYPE OF GAUGE - RECORDING
LOCATION - LAT 60 35 16 N
LONG 136 08 38 W

A - MANUAL GAUGE
E - ESTIMATED
NATURAL FLOW

LAKE LABERGE NEAR WHITEHORSE - STATION NO. 09AB010

DAILY WATER LEVEL IN METRES FOR 1981

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	---	---	6.377	6.946	8.061	8.650	8.725	8.708	8.032	6.688	1
2	---	---	---	---	6.384	6.981	8.098	8.655	8.721	8.690	7.990	6.657	2
3	---	---	---	---	6.394	7.020	8.125	8.671	8.718	8.670	7.952	6.618	3
4	---	---	---	---	6.404	7.061	8.150	8.684	8.709	8.642	7.910	6.591	4
5	---	---	---	---	6.413	7.104	8.181	8.699	8.705	8.622	7.861	6.564	5
6	---	---	---	---	6.422	7.141	8.206	8.700	8.702	8.598	7.812	6.542	6
7	---	---	---	---	6.427	7.179	8.225	8.712	8.700	8.577	7.762	6.525	7
8	---	---	---	---	6.438	7.216	8.246	8.720	8.697	8.554	7.704	6.509	8
9	---	---	---	---	6.452	7.256	8.265	8.727	8.698	8.528	7.664	6.490	9
10	---	---	---	---	6.474	7.285	8.279	8.741	8.697	8.499	7.620	6.471	10
11	---	---	---	---	6.490	7.313	8.292	8.749	8.705	8.471	7.570	6.455	11
12	---	6.204A	---	---	6.510	7.344	8.304	8.766	8.721	8.454	7.519	6.445	12
13	---	---	---	---	6.533	7.375	8.320	8.771	8.734	8.429	7.465	6.434	13
14	---	---	---	---	6.553	7.401	8.332	8.772	8.746	8.404	7.428	6.424	14
15	---	---	---	---	6.568	7.429	8.334	8.782	8.765	8.381	7.385	6.411	15
16	---	---	---	---	6.587	7.467	8.342	8.784	8.770	8.365	7.347	6.405	16
17	---	---	---	---	6.603	7.504	8.353	8.785	8.781	8.342	7.306	6.405	17
18	---	---	6.151A	---	6.630	7.533	8.364	8.795	8.798	8.326	7.267	6.397	18
19	---	---	---	---	6.644	7.574	8.373	8.793	8.798	8.311	7.222	6.384	19
20	---	---	---	---	6.658	7.611	8.389	8.787	8.797	8.291	7.176	6.386	20
21	---	---	---	---	6.687	7.649	8.412	8.788	8.801	8.277	7.127	6.376	21
22	---	---	---	---	6.704	7.693	8.441	8.778	8.799	8.263	7.078	6.366	22
23	---	---	---	6.302A	6.723	7.737	8.468	8.774	8.796	8.243	7.021	6.356	23
24	---	---	---	6.309	6.740	7.790	8.491	8.773	8.788	8.225	6.951	6.351	24
25	---	6.169A	---	6.323	6.752	7.831	8.506	8.764	8.780	8.215	6.907	6.348	25
26	6.224A	---	---	6.338	6.774	7.873	8.529	8.757	8.777	8.192	6.865	6.342	26
27	---	---	---	6.350	6.798	7.917	8.558	8.753	8.766	8.178	6.827	6.332	27
28	---	---	---	6.365	6.822	7.955	8.580	8.748	8.746	8.162	6.789	6.321A	28
29	---		---	6.369	6.858	7.994	8.594	8.734	8.732	8.135	6.751	6.312E	29
30	---		---	6.375	6.889	8.031	8.613	8.717	8.717	8.105	6.715	6.303E	30
31	---		---		6.922		8.638	8.722		8.072		6.290E	31
MEAN	---	---	---	---	6.601	7.474	8.357	8.744	8.746	8.385	7.367	6.435	MEAN
MAX	---	---	---	---	6.922	8.031	8.638	8.795	8.801	8.708	8.032	6.688	MAX
MIN	---	---	---	---	6.377	6.946	8.061	8.650	8.697	8.072	6.715	6.290	MIN

SUMMARY FOR THE YEAR 1981

WATER LEVELS IN METRES

MAXIMUM DAILY, 8.801 ON SEP 21

MAXIMUM INSTANTANEOUS,
8.809 AT 18:40 YST ON SEP 21

WATER LEVELS ARE REFERRED TO ASSUMED DATUM

TYPE OF GAUGE - RECORDING
LOCATION - LAT 61 05 25 N
LONG 135 11 57 W

A - MANUAL GAUGE
E - ESTIMATED
REGULATED SINCE 1925

YUKON TERRITORY

LIARD RIVER AT UPPER CROSSING - STATION NO. 10AA001

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1981

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	123B	101 B	91.8B	82.7B	112B	1 940	796	405	382E	386	302	190B	1
2	124B	102 B	90.5B	81.6B	125B	1 840	781	392	370E	387	290	183B	2
3	126B	103 B	90.3B	81.0B	140B	1 660	787	380	365E	381	276	181B	3
4	125B	104 B	90.0B	80.5B	154B	1 520	825	374	358E	366	276	180B	4
5	124B	105 B	90.4B	80.5B	175B	1 420	828	377	351E	350	270	179B	5
6	123B	105 B	91.0B	80.2B	210B	1 310	797	387	340E	331	269B	178B	6
7	124B	106 B	92.0B	80.0B	250B	1 230	777	390	344E	323	267	174B	7
8	123B	106 B	93.0B	79.0B	300B	1 180	763	377	349E	323	241	172B	8
9	121B	105 B	93.8B	78.5B	360B	1 110	762	358	358A	320	233	169B	9
10	118B	104 B	94.0B	78.0B	440B	1 040	749	346	381	313	232	170B	10
11	117B	103 B	94.2B	77.5B	509A	1 000	726	334	434	306	231B	169B	11
12	116B	102 B	94.0B	78.0B	607	984	697	322	489	298	233B	167B	12
13	116B	102 B	93.3B	78.5B	729	970	691	312	540E	292	235B	165B	13
14	117B	103 B	92.0B	79.0B	792	978E	670	309	530E	293	235B	164B	14
15	118B	104 B	90.5B	79.5B	785	986A	644	301	520E	315	234B	165B	15
16	116B	104 B	89.0B	79.0B	757	1 080	626	295	500E	355	232B	164B	16
17	115B	105 B	87.5B	78.5B	792	1 100	604	282	505E	383	227B	162B	17
18	114B	106 B	85.6B	78.0B	882	1 080	589	269	515E	385	224B	160B	18
19	114B	106 B	84.5B	77.5B	979	1 040	570	261A	510E	378	221B	156B	19
20	113B	105 B	84.0B	77.0B	1 090	1 010	550	255	505E	366	220B	150B	20
21	114B	105 B	83.8B	77.5B	1 170	1 010	532	249	503	347	218B	148B	21
22	114B	104 B	83.5B	78.0B	1 220	990	518	244	486	325	215B	145B	22
23	114B	102 B	83.8B	79.0B	1 340	969	507	239	470	329	210B	142B	23
24	115B	99.0B	84.0B	81.0B	1 420	949	496	234	455	334	206B	141B	24
25	115B	99.0B	84.2B	83.0B	1 430	912	484	230	442	339	203B	139B	25
26	114B	96.5B	84.6B	85.0B	1 530	877	468	246	429	351	201B	140B	26
27	112B	94.3B	84.8B	88.0B	1 750	860	458	260E	415	346	200B	140B	27
28	109B	93.0B	85.3B	91.0B	2 020	849	448	295E	404	318	199B	139B	28
29	105P		85.5B	99.0B	2 060	830	438	410E	397	312	199B	137B	29
30	103B		85.0B	106 B	1 960	810	426	402E	389	310	196B	135B	30
31	102B		83.8B		1 910		417	395E		305		133B	31
TOTAL	3 604	2 873.8	2 739.7	2 452.0	27 998	33 534	19 424	9 930	13 036	10 467	6 995	4 937	TOTAL
MEAN	116	103	88.4	81.7	903	1 120	627	320	435	338	233	159	MEAN
MAX	126	106	94.2	106	2 060	1 940	828	410	540	387	302	190	MAX
MIN	102	93.0	83.5	77.0	112	810	417	230	340	292	196	133	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 378
MAXIMUM DAILY, 2 060 ON MAY 29
MINIMUM DAILY, 77.0B ON APR 20
MAXIMUM INSTANTANEOUS,
2 080 AT 06:32 YST ON MAY 29

SUMMARY FOR THE YEAR 1981

TYPE OF GAUGE - RECORDING
LOCATION - LAT 60 03 00 N
LONG 128 54 00 W
DRAINAGE AREA, 33 400 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	311 000	JUL	1 680 000
FEB	248 000	AUG	858 000
MAR	237 000	SEP	1 130 000
APR	212 000	OCT	904 000
MAY	2 420 000	NOV	604 000
JUN	2 900 000	DEC	427 000

TOTAL DISCHARGE, 11 900 000 dam³

LUBBOCK RIVER NEAR ATLIN - STATION NO. 09AA007

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1981

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	3.50B	3.82B	4.45B	4.50B	4.90E	9.75	6.61	3.64	2.83	4.14	4.87E	3.85B	1
2	3.45B	3.90B	4.40B	4.50B	5.00E	9.54	6.60	3.53	2.84	4.20	4.85E	3.76B	2
3	3.40B	3.95B	4.40B	4.45B	5.10E	9.37	6.60	3.39	2.84	4.20	4.79E	3.73B	3
4	3.35B	4.00B	4.35B	4.40B	5.20E	9.12	6.56	3.33	2.83	4.21	4.77E	3.71B	4
5	3.35B	3.95B	4.30B	4.35B	5.35E	8.81	6.56	3.82	2.84	4.21	4.70E	3.68B	5
6	3.38B	4.00B	4.35B	4.30B	5.55E	8.66	6.58	3.84	2.89	4.22	4.68E	3.65B	6
7	3.35B	3.95B	4.38B	4.30B	5.90E	8.59	6.54	3.77	3.03	4.23	4.66E	3.62B	7
8	3.30B	4.00B	4.40B	4.25B	6.20E	8.33	6.35	3.68	3.09	4.24	4.66E	3.60B	8
9	3.25B	4.05B	4.45B	4.20B	6.80E	8.12	6.25	3.57	3.38	4.23	4.65E	3.57B	9
10	3.33B	3.95B	4.50B	4.15B	8.40E	7.89	6.07	3.57	3.38	4.25	4.65E	3.52B	10
11	3.40B	3.88B	4.55B	4.18B	9.80E	7.69	5.98	3.56	3.39	4.25	4.64E	3.50B	11
12	3.50B	3.70B	4.60B	4.20B	10.2 A	7.63	5.74	3.41	3.39	4.26	4.60E	3.48B	12
13	3.60B	3.55B	4.70B	4.22B	10.9	7.43	5.73	3.25	3.39	4.26	4.56E	3.47B	13
14	3.72B	3.50B	4.75B	4.22B	11.7	7.31	5.62	3.05	3.39	4.26	4.52B	3.44B	14
15	3.88B	3.50B	4.70B	4.25B	12.1	7.27	5.45	2.93	3.38	4.26	4.48B	3.43B	15
16	3.92B	3.55B	4.65B	4.25B	12.1	7.25	5.30A	2.84	3.39	4.27	4.39B	3.42B	16
17	3.95B	3.55B	4.60B	4.28B	12.1	7.24	5.29	2.83	3.39	4.27	4.35B	3.41B	17
18	3.98B	3.58B	4.55B	4.30B	12.2	7.23	5.24	2.83	3.40	4.28	4.32B	3.40B	18
19	4.00B	3.60B	4.50B	4.35B	12.1	7.19	4.93	2.82	3.67	4.28	4.25B	3.38B	19
20	3.95B	3.65B	4.40B	4.38B	12.0	7.17	4.93	2.79	3.67	4.29	4.17B	3.38B	20
21	3.85B	3.70B	4.35B	4.42B	11.9	7.18	4.90	2.79	3.67	4.29	4.15B	3.37B	21
22	3.80B	3.75B	4.30B	4.45B	11.9	7.13	4.71	2.79	3.67	4.31	4.12B	3.35B	22
23	3.80B	3.82B	4.35B	4.50B	11.8	7.10	4.54	2.79	3.67	4.40	4.10B	3.31B	23
24	3.75B	3.90B	4.40B	4.55B	11.7	7.05	4.41	2.79	3.68	4.49	4.08B	3.30B	24
25	3.70B	3.98B	4.45B	4.60B	11.7	7.03	4.16	2.79	3.70	4.72	4.03B	3.29B	25
26	3.63B	4.05B	4.50B	4.62B	11.5	7.01	3.88	2.78	3.71	4.94	4.02B	3.28B	26
27	3.50B	4.20B	4.55B	4.65B	11.2	6.98	3.87	2.79	3.71	4.93	4.02B	3.25B	27
28	3.45B	4.35B	4.60B	4.70B	11.0	6.96	3.87	2.81	3.72	4.94A	3.97B	3.21B	28
29	3.50B		4.60B	4.80B	10.7	6.92	3.82	2.82	3.72	4.93E	3.94B	3.20B	29
30	3.55B		4.55B	4.85B	10.5	6.81	3.77	2.81	3.78	4.93E	3.90B	3.17B	30
31	3.70B		4.50B		10.0		3.77	2.83		4.92E		3.13B	31
TOTAL	111.79	107.38	139.13	132.17	297.50	231.76	164.63	97.24	101.64	136.61	131.89	106.86	TOTAL
MEAN	3.61	3.84	4.49	4.81	9.60	7.73	5.31	3.14	3.39	4.41	4.40	3.45	MEAN
MAX	4.00	4.35	4.75	4.85	12.2	9.75	6.61	3.84	3.78	4.94	4.87	3.85	MAX
MIN	3.25	3.50	4.30	4.15	4.90	6.81	3.77	2.78	2.83	4.14	3.90	3.13	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 4.82
MAXIMUM DAILY, 12.2 ON MAY 18
MINIMUM DAILY, 2.78 ON AUG 26
MAXIMUM INSTANTANEOUS,
12.2 AT 22:00 YST ON MAY 18

SUMMARY FOR THE YEAR 1981

TYPE OF GAUGE - RECORDING
LOCATION - LAT 60 04 52 N
LONG 133 51 30 W
DRAINAGE AREA, 1 770 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	9 660	JUL	14 200
FEB	9 280	AUG	8 400
MAR	12 000	SEP	8 780
APR	11 400	OCT	11 800
MAY	25 700	NOV	11 400
JUN	20 000	DEC	9 230

TOTAL DISCHARGE, 152 000 dam³

YUKON TERRITORY

M'CLINTOCK RIVER NEAR WHITEHORSE - STATION NO. 09AB008

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1981

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	4.30B	4.20B	4.20B	4.32B	7.50B	35.6A	14.8E	14.8 E	7.79	10.3	8.71	5.65B	1
2	4.32B	4.23B	4.17B	4.30B	8.30B	33.8E	14.8E	14.0 E	7.66	10.0	8.50B	5.55B	2
3	4.30B	4.22B	4.12B	4.25B	9.00B	31.8E	14.8E	13.5 E	7.26	9.75	8.30B	5.35B	3
4	4.34B	4.20B	4.07B	4.20B	9.75B	29.8E	14.7E	13.0 E	7.12	9.30	8.10B	5.15B	4
5	4.40B	4.18B	4.02B	4.17B	10.5 B	27.5E	14.6E	12.5 A	7.11	8.98	7.90B	4.90B	5
6	4.45B	4.17B	4.00B	4.15B	11.6 B	25.5E	14.5E	12.5	7.29	9.19	7.80B	4.75B	6
7	4.46B	4.15B	4.00B	4.12B	12.2 B	24.0E	14.5E	11.2	9.13	8.98	7.75B	4.70B	7
8	4.46B	4.15B	4.05B	4.10B	13.0 B	22.0E	14.6E	10.5	9.34	8.90	7.60B	4.60B	8
9	4.43B	4.18B	4.11B	4.07B	13.9 B	20.4E	14.6E	10.2	9.65	8.80	7.50B	4.55B	9
10	4.40B	4.19B	4.20B	4.03B	14.8 B	19.2E	14.7E	9.89	9.93	8.61	7.45B	4.50B	10
11	4.43B	4.20B	4.23B	4.00B	15.7 E	18.2E	15.0E	9.65	10.0	8.42	7.40B	4.50B	11
12	4.50B	4.20B	4.23B	3.95B	17.0 E	17.6A	15.6E	9.43	11.0	8.45	7.35B	4.50B	12
13	4.54B	4.18B	4.21B	3.93B	18.3 E	17.3E	16.4E	9.13	10.4	8.41	7.25B	4.50B	13
14	4.60B	4.08B	4.20B	3.90B	20.0 E	17.2E	17.5E	8.97	10.2	9.45	7.20B	4.45B	14
15	4.67B	4.06B	4.18B	3.96B	23.0 E	17.0E	19.0E	8.87	11.4	11.3	7.05B	4.42B	15
16	4.62B	4.00B	4.20B	3.98B	25.2 E	16.9E	20.5E	8.53	11.9	11.7	6.90B	4.40B	16
17	4.59B	3.95B	4.20B	4.00B	26.5 E	16.7E	23.0E	8.26	11.1	11.0	6.80B	4.35B	17
18	4.50B	3.93B	4.18B	4.03B	28.5 E	16.5E	24.2E	8.15	11.4	10.8	6.70B	4.30B	18
19	4.40B	3.98B	4.16B	4.10B	32.5 E	16.3E	23.5E	7.97	11.7	10.3	6.50B	4.25B	19
20	4.30B	4.05B	4.12B	4.15B	40.0 E	16.1E	22.8E	7.91	11.2	9.82	6.35B	4.20B	20
21	4.22B	4.10B	4.10B	4.20B	44.0 E	16.0E	22.4E	8.03	10.8	9.78	6.20B	4.10B	21
22	4.18B	4.18B	4.07B	4.30B	46.0 E	15.9E	21.4E	7.82	10.6	9.94	6.15B	4.00B	22
23	4.17B	4.08B	4.05B	4.38B	45.0 E	15.8E	20.5E	7.64	10.3	9.75	6.10B	3.95B	23
24	4.17B	3.98B	4.03B	4.50B	44.0 E	15.7E	19.5E	7.45	10.3	9.91	6.05B	3.90B	24
25	4.10B	3.94B	4.05B	4.65B	43.5 E	15.5E	18.7E	7.27	10.1	10.1	6.00B	3.90B	25
26	4.02B	3.98B	4.10B	4.90B	43.0 E	15.4E	18.2E	7.13	9.93	10.2	6.00B	3.85B	26
27	3.95B	4.00B	4.15B	5.40B	43.0 E	15.2E	17.7E	7.16	9.92	10.0	5.95B	3.80B	27
28	3.90B	4.05B	4.20B	5.90B	42.5 E	15.0E	17.0E	7.22	9.72	9.81	5.90B	3.70B	28
29	3.96B		4.24B	6.30B	41.9 A	14.9E	16.5E	7.03	9.42	9.57	5.80B	3.60B	29
30	4.00B		4.28B	6.90B	39.0 E	14.8E	16.0E	6.87	9.38	9.22	5.75B	3.50B	30
31	4.10B		4.32B		37.5 E		15.3E	6.93		9.22		3.40B	31
TOTAL	133.78	114.81	128.44	133.14	826.65	593.6	547.3	289.51	293.05	299.96	209.01	135.27	TOTAL
MEAN	4.32	4.10	4.14	4.44	26.7	19.8	17.7	9.34	9.77	9.68	6.97	4.36	MEAN
MAX	4.67	4.23	4.32	6.90	46.0	35.6	24.2	14.8	11.9	11.7	8.71	5.65	MAX
MIN	3.90	3.93	4.00	3.90	7.50	14.8	14.5	6.87	7.11	8.41	5.75	3.40	MIN

SUMMARY FOR THE YEAR 1981

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 10.1
MAXIMUM DAILY, 46.0E ON MAY 22
MINIMUM DAILY, 3.40B ON DEC 31

TYPE OF GAUGE - RECORDING
LOCATION - LAT 60 36 45 N
LONG 134 27 27 W
DRAINAGE AREA, 1 700 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	11 600	JUL	47 300
FEB	9 920	AUG	25 000
MAR	11 100	SEP	25 300
APR	11 500	OCT	25 900
MAY	71 400	NOV	18 100
JUN	51 300	DEC	11 700

TOTAL DISCHARGE, 320 000 dam³

MARSH LAKE NEAR WHITEHORSE - STATION NO. 09AB004

DAILY WATER LEVEL IN METRES FOR 1981

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	2.515	2.368	2.153	1.794	1.238	1.611	2.585	3.262	3.430	3.353	2.610	2.618	1
2	2.521	2.374	2.149	1.780	1.228	1.660	2.588	3.274	3.428	3.315	2.589	2.633	2
3	2.531	2.366	2.149	1.759	1.210	1.705	2.615	3.277	3.431	3.280	2.568	2.630	3
4	2.528	2.348	2.135	1.737	1.197	1.753	2.636	3.278	3.425	3.255	2.574	2.612	4
5	2.518	2.335	2.118	1.716	1.189	1.788	2.651	3.291	3.407	3.219	2.587	2.603	5
6	2.508	2.325	2.107	1.706	1.177	1.814	2.662	3.322	3.393	3.175	2.583	2.619	6
7	2.516	2.316	2.091	1.691	1.166	1.863	2.674	3.349	3.402	3.141	2.580	2.608	7
8	2.510	2.312	2.085	1.674	1.159	1.893	2.687	3.370	3.429	3.115	2.573	2.605	8
9	2.493	2.305	2.082	1.651	1.144	1.901	2.692	3.418	3.478	3.092	2.568	2.604	9
10	2.480	2.295	2.078	1.625	1.151	1.919	2.694	3.443	3.537	3.058	2.567	2.597	10
11	2.484	2.288	2.074	1.601	1.154	1.928	2.703	3.471	3.582	3.025	2.574	2.591	11
12	2.481	2.277	2.065	1.585	1.145	1.934	2.708	3.487	3.621	3.006	2.591	2.594	12
13	2.478	2.273	2.057	1.570	1.132	1.947	2.707	3.500	3.627	2.983	2.577	2.593	13
14	2.474	2.268	2.037	1.554	1.125	1.971	2.723	3.503	3.615	2.950	2.565	2.594A	14
15	2.464	2.259	2.026	1.531	1.119	1.987	2.755	3.514	3.627	2.925	2.558	2.594A	15
16	2.468	2.252	2.022	1.515	1.121	2.023	2.790	3.506	3.635	2.908	2.551	2.597A	16
17	2.471	2.245	2.006	1.501	1.120	2.063	2.827	3.486	3.617	2.885	2.550	2.606A	17
18	2.462	2.242	1.986	1.483	1.132	2.103	2.868	3.471	3.614	2.882	2.548	2.616A	18
19	2.467	2.234	1.970	1.470	1.151	2.141	2.916	3.468	3.627	2.856	2.541	2.609A	19
20	2.463	2.232	1.955	1.453	1.170	2.183	2.961	3.459	3.613	2.830	2.554	2.606A	20
21	2.443	2.234	1.938	1.435	1.188	2.230	3.003	3.452	3.590	2.805	2.563	2.604A	21
22	2.443	2.238	1.923	1.408	1.211	2.271	3.030	3.449	3.569	2.794	2.567	2.594A	22
23	2.441	2.220	1.908	1.386	1.227	2.310	3.057	3.439	3.554	2.767	2.572	2.590A	23
24	2.438	2.205	1.902	1.369	1.242	2.360	3.093	3.416	3.547	2.735	2.599	2.588A	24
25	2.424	2.192	1.894	1.358	1.270	2.397	3.132	3.407	3.540	2.705	2.612	2.585A	25
26	2.414	2.187	1.887	1.336	1.309	2.439	3.154	3.405	3.505	2.681	2.595	2.584A	26
27	2.408	2.175	1.882	1.310	1.358	2.481	3.168	3.405	3.458	2.655	2.619	2.574A	27
28	2.405	2.167	1.860	1.293	1.407	2.506	3.183	3.404	3.414	2.631	2.626	2.564A	28
29	2.395		1.847	1.276	1.446	2.525	3.210	3.414	3.388	2.617	2.610	2.554E	29
30	2.382		1.830	1.256A	1.500	2.563	3.233	3.420	3.365	2.604	2.603	2.540E	30
31	2.371		1.809		1.556		3.249	3.436		2.604		2.530E	31
MEAN	2.464	2.269	2.001	1.527	1.224	2.076	2.869	3.413	3.516	2.931	2.579	2.595	MEAN
MAX	2.531	2.374	2.153	1.794	1.556	2.563	3.249	3.514	3.635	3.353	2.626	2.633	MAX
MIN	2.371	2.167	1.809	1.256	1.119	1.611	2.585	3.262	3.365	2.604	2.541	2.530	MIN

SUMMARY FOR THE YEAR 1981

WATER LEVELS IN METRES

MEAN, 2.457
MAXIMUM DAILY, 3.635 ON SEP 16
MINIMUM DAILY, 1.119 ON MAY 15
MAXIMUM INSTANTANEOUS,
3.637 AT 17:29 YST ON SEP 16

TYPE OF GAUGE - RECORDING
LOCATION - LAT 60 31 50 N
LONG 134 21 55 W

A - MANUAL GAUGE

E - ESTIMATED

REGULATED SINCE 1925

WATER LEVELS ARE REFERRED TO ASSUMED DATUM
APPLY 653.357 m ADJUSTMENT TO CONVERT TO GEODETIC SURVEY OF CANADA DATUM (LOCAL 1950 ADJ.)

YUKON TERRITORY

MAYO LAKE NEAR THE OUTLET - STATION NO. 09DC005

DAILY WATER LEVEL IN METRES FOR 1981

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	2.994	2.698E	2.419E	2.129	1.843	2.671	2.973	2.979	2.955	3.189	3.270	3.150	1
2	2.986	2.688E	2.409E	2.120	1.830	2.687	2.996	2.976	2.951	3.190	3.283	3.135	2
3	2.977	2.679E	2.400E	2.112	1.826	2.697	3.016	2.994	2.950	3.192	3.291	3.133	3
4	2.969	2.668E	2.390E	2.102	1.822	2.717	3.038	2.990	2.952	3.198	3.285	3.122	4
5	2.953	2.659E	2.380E	2.090	1.827	2.740	3.061	2.992	2.958	3.205	3.252	3.115	5
6	2.946	2.649E	2.370E	2.082	1.843A	2.762	3.090	2.991	2.952	3.207	3.239	3.104	6
7	2.945	2.640E	2.360E	2.072	1.853	2.783	3.104	2.989	2.959	3.203	3.234	3.080	7
8	2.935	2.630E	2.350E	2.059	1.877	2.813	3.108	2.992	2.962	3.202	3.243	3.071	8
9	2.919	2.620E	2.340E	2.049	1.905	2.846	3.128	2.987	2.969	3.198	3.247	3.067	9
10	2.910	2.610E	2.331E	2.038	1.941	2.864	3.134	2.984	2.975	3.193	3.255	3.055	10
11	2.903	2.600E	2.322E	2.030	1.982	2.891	3.134	2.991	2.978	3.195	3.248	3.037	11
12	2.889E	2.591E	2.313E	2.019	2.030	2.912	3.126	2.996	2.983	3.196	3.230	3.037	12
13	2.879E	2.581E	2.304E	2.004	2.081	2.934	3.122	2.993	2.999	3.206	3.225	3.026	13
14	2.870E	2.572E	2.295E	1.991	2.126	2.956	3.117	2.998	3.016	3.202	3.225	3.019	14
15	2.861E	2.563E	2.284E	1.979	2.160	2.969	3.107	3.006	3.020	3.208	3.220	3.009	15
16	2.850E	2.553E	2.275E	1.969	2.192	2.979	3.098	2.996	3.017	3.223	3.216	3.001	16
17	2.841E	2.544E	2.268E	1.960	2.229	2.987	3.091	2.982	3.035	3.255	3.214	2.993	17
18	2.830E	2.535E	2.260E	1.956	2.270	2.989	3.077	2.984	3.060	3.256	3.203	2.981	18
19	2.821E	2.525E	2.248	1.949	2.312	2.993	3.072	2.997	3.068	3.249	3.195	2.963	19
20	2.812E	2.516E	2.238	1.938	2.345	2.981	3.062	2.997	3.079	3.252	3.192	2.945	20
21	2.801E	2.504E	2.227	1.926	2.384	2.970	3.055	2.990	3.094	3.266	3.189	2.940	21
22	2.793E	2.495E	2.221	1.920	2.424	2.973	3.052	2.979A	3.109	3.262	3.179	2.924	22
23	2.783E	2.487E	2.217	1.908	2.454	2.969	3.044	2.972	3.126	3.268	3.178	2.912	23
24	2.773E	2.478E	2.203	1.901	2.477	2.974	3.041	2.978	3.143	3.274	3.185	2.901	24
25	2.763E	2.468E	2.190	1.892	2.500	2.971	3.028	2.979	3.155	3.274	3.174	2.895	25
26	2.753E	2.459E	2.182	1.882	2.529	2.970	3.007	2.978	3.163	3.276	3.175	2.892	26
27	2.744E	2.449E	2.177	1.871	2.557	2.967	2.995	2.979	3.172	3.278	3.176	2.881	27
28	2.737E	2.439E	2.167	1.864	2.580	2.967	2.993	2.976	3.179	3.278	3.166	2.868	28
29	2.726E		2.162	1.854	2.604	2.959	2.981	2.968	3.198	3.278	3.161	2.859	29
30	2.717E		2.149	1.853	2.626	2.961	2.974	2.963	3.213	3.278	3.162	2.849	30
31	2.707E		2.138		2.653		2.977	2.953		3.266		2.840	31
MEAN	2.851	2.568	2.277	1.984	2.196	2.895	3.058	2.985	3.046	3.233	3.217	2.994	MEAN
MAX	2.994	2.698	2.419	2.129	2.653	2.993	3.134	3.006	3.213	3.278	3.291	3.150	MAX
MIN	2.707	2.439	2.138	1.853	1.822	2.671	2.973	2.953	2.950	3.189	3.161	2.840	MIN

SUMMARY FOR THE YEAR 1981

WATER LEVELS IN METRES

MEAN, 2.777
MAXIMUM DAILY, 3.291 ON NOV 3
MINIMUM DAILY, 1.822 ON MAY 4
MAXIMUM INSTANTANEOUS,
3.308 AT 07:50 YST ON NOV 4

WATER LEVELS ARE REFERRED TO ASSUMED DATUM

TYPE OF GAUGE - RECORDING
LOCATION - LAT 63 46 24 N
LONG 135 23 17 W

A - MANUAL GAUGE

E - ESTIMATED

REGULATED SINCE 1952

MCQUESTEN RIVER NEAR THE MOUTH - STATION NO. 09DD004

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1981

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	11.6 B	8.38B	5.45B	5.30B	9.65B	89.8	38.9	37.6	36.7	58.0	26.0B	13.7 B	1
2	11.8 B	8.15B	5.48B	5.26B	10.3 B	86.6	45.3	37.0	36.3	54.8	24.3B	13.4 B	2
3	11.7 B	7.80B	5.45B	5.30B	11.2 B	114	79.7	37.3	35.9	51.9	23.3B	13.3 B	3
4	11.4 B	7.40B	5.43B	5.32B	12.1 B	138	109	38.8	35.7	47.7	22.4B	13.3 B	4
5	10.8 B	7.00B	5.45B	5.38B	13.2 B	121	123	41.4	35.4	42.5	21.4B	13.1 B	5
6	10.7 B	6.65B	5.55B	5.40B	14.3 B	111	114	42.8	35.1	40.5	20.7B	12.7 B	6
7	10.8 B	6.50B	5.57B	5.43B	16.5 B	104	92.5	42.6	35.5	41.9	20.4B	12.3 B	7
8	10.7 B	6.40B	5.55B	5.45B	19.9 E	91.0	79.4	41.4	39.2	43.3	20.6B	12.0 B	8
9	10.6 B	5.95B	5.52B	5.51B	24.0 E	92.6	71.3	41.0	44.1	42.6	20.7B	11.6 B	9
10	10.8 B	5.75B	5.49B	5.57B	28.3 E	90.0	64.7	41.8	45.2	41.3	20.5B	11.3 B	10
11	10.7 B	5.68B	5.46B	5.60B	33.2 E	83.4	59.2	42.8	45.9	40.5	20.1B	11.0 B	11
12	10.6 B	5.38B	5.43B	5.65B	40.0 E	88.8	56.9	44.3	49.4	39.7	18.9B	10.9 B	12
13	10.5 B	5.20B	5.48B	5.75B	50.3 E	85.8A	54.2	46.3	51.9	39.7	18.5B	10.8 B	13
14	10.8 B	5.00B	5.49B	5.85B	60.0 E	84.2	50.9	46.8	52.0	39.5	18.0B	10.9 B	14
15	11.4 B	4.98B	5.46B	5.93B	71.0 E	76.0	48.2	49.7	53.0	39.6	17.7B	11.0 B	15
16	12.0 B	4.98B	5.40B	5.95B	84.0 E	67.5	46.0	53.0	66.3	40.8	17.2B	11.0 B	16
17	12.1 B	4.98B	5.35B	5.98B	103 E	61.0	44.7	51.9	72.6	40.8	16.9B	10.9 B	17
18	11.8 B	5.02B	5.35B	6.00B	130 E	55.4	43.6	50.2	71.2	41.3	16.8B	10.8 B	18
19	11.1 B	5.19B	5.33B	6.10B	152 A	51.1	44.6	48.6	81.8	40.2	16.6B	10.7 B	19
20	11.1 B	5.23B	5.27B	6.30B	140	48.1	43.4	46.9	88.6	37.3	15.9B	10.2 B	20
21	11.1 B	5.29B	5.16B	6.46B	132	45.1	42.0	45.6	92.5	34.0B	15.8B	9.40B	21
22	10.7 B	5.48B	5.05B	6.66B	127	43.5	41.0	44.4	92.1	33.3B	15.7B	8.85B	22
23	9.50B	5.57B	5.02B	6.90B	123	42.3	41.5	43.3A	86.8	32.8B	15.6B	8.10B	23
24	9.36B	5.68B	5.02B	7.10B	117	41.1	41.8	42.0	80.1	32.1B	15.1B	7.95B	24
25	9.48B	5.65B	5.08B	7.35B	112	40.1	41.1	40.9	74.4	32.0B	14.9B	7.75B	25
26	9.32B	5.60B	5.21B	7.60B	125	38.9	40.5	40.1	69.6	31.6B	14.7B	7.60B	26
27	8.50B	5.58B	5.25B	8.00B	130	38.2	40.0	39.4	66.8	30.5B	14.4B	7.45B	27
28	7.87B	5.45B	5.28B	8.35B	128	37.7	39.1	38.7	65.2	28.6B	14.3B	7.28B	28
29	7.80B		5.30B	8.80B	125	37.8	38.5	38.1	63.3	27.8B	14.1B	7.04B	29
30	8.02B		5.35B	9.10B	113	38.1	38.2	37.4	60.6	27.2B	13.9B	7.05B	30
31	8.35B		5.33B		96.9		37.9	37.2		26.8B		7.00B	31
TOTAL	323.00	165.92	166.01	189.35	2 351.85	2 142.1	1 751.1	1 329.3	1 763.2	1 200.6	545.4	320.37	TOTAL
MEAN	10.4	5.93	5.36	6.31	75.9	71.4	56.5	42.9	58.8	38.7	18.2	10.3	MEAN
MAX	12.1	8.38	5.57	9.10	152	138	123	53.0	92.5	58.0	26.0	13.7	MAX
MIN	7.80	4.98	5.02	5.26	9.65	37.7	37.9	37.0	35.1	26.8	13.9	7.00	MIN

SUMMARY FOR THE YEAR 1981

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 33.6
MAXIMUM DAILY, 152A ON MAY 19
MINIMUM DAILY, 4.98B ON FEB 15

TYPE OF GAUGE - RECORDING
LOCATION - LAT 63 36 40 N
LONG 137 16 10 W
DRAINAGE AREA, 2 870 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	27 900	JUL	151 800
FEB	14 300	AUG	115 000
MAR	14 300	SEP	152 000
APR	16 400	OCT	104 000
MAY	203 000	NOV	47 100
JUN	185 000	DEC	27 700

TOTAL DISCHARGE, 1 060 000 dam³

NISUTLIN RIVER ABOVE WOLF RIVER - STATION NO. 09AD001

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1981

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	27.8B	19.7B	20.0B	18.9B	18.9B	516	158	116	53.1	109	85.4	45.5B	1
2	28.5B	21.0B	19.3B	19.1B	19.7B	492	160	114	58.0	109	80.2	44.0B	2
3	28.9B	21.7B	18.8B	19.2B	21.0B	442	192	114	59.9	107	76.4	42.0B	3
4	27.7B	20.8B	18.3B	18.9B	24.0B	383	219	110	56.6	106	74.0B	39.0B	4
5	25.4B	20.0B	17.9B	18.4B	29.0B	339	216	104	54.8	100	72.0B	38.0B	5
6	24.8B	19.2B	17.6B	18.0B	36.5B	305	198	95.7	54.6	94.2	70.5B	35.0B	6
7	25.1B	20.0B	17.8B	17.4B	47.0B	276	188	102	58.2	96.4	69.0B	34.0B	7
8	25.2B	20.8B	18.0B	16.8B	60.0B	257	183	92.8	58.9	89.2	68.0B	32.0B	8
9	24.5B	21.6B	18.2B	16.4B	72.0B	243	178	85.1	93.8	89.7	67.0B	29.5B	9
10	24.0B	21.0B	18.4B	16.1B	92.0B	223	169	78.7	118	84.7	66.0B	27.0B	10
11	25.8B	20.8B	18.9B	15.8B	115 B	212	163	74.7	128	82.3	65.5B	26.5B	11
12	28.0B	20.4B	19.3B	15.7B	145 B	209	159	71.8	138	80.8	65.0B	26.0B	12
13	29.5B	20.0B	19.9B	15.6B	175 B	208	156	69.4	167	78.9	64.7B	25.5B	13
14	30.2B	20.2B	20.1B	15.5B	225 B	216	153	67.7	172	80.8	63.0B	24.5B	14
15	29.5B	20.5B	20.2B	15.4B	262	234	146	66.3	164	93.5	62.0B	24.0B	15
16	28.8B	21.0B	20.2B	15.5B	282	270	139	66.0	165	110	61.0B	23.9B	16
17	28.5B	21.3B	20.0B	15.6B	305	284	135	65.1	169	118	60.5B	23.4B	17
18	28.1B	21.6B	19.8B	15.8B	325	276	131	63.0	159	115	60.0B	23.0B	18
19	27.9B	22.0B	19.0B	15.8B	338	256	127	60.7	154	112	59.0B	22.9B	19
20	26.5B	22.4B	18.1B	15.9B	348	245	123	60.1	161	107	58.5B	22.7B	20
21	26.1B	22.0B	17.9B	16.0B	360	234	120	59.4	155	103	58.0B	22.5B	21
22	26.3B	21.5B	18.6B	16.2B	370	222	117	60.3	146	95.4	57.5B	22.0B	22
23	26.5B	20.8B	19.0B	16.7B	364	218	113	62.9	138	95.6	57.0B	21.8B	23
24	25.8B	20.0B	19.5B	16.8B	361	217	113	60.1	132	96.4	56.0B	21.5B	24
25	24.0B	19.3B	19.8B	16.9B	358	202	114	56.4	128	97.8	55.0B	21.3B	25
26	22.2B	19.0B	20.0B	17.1B	389	187	115	53.7	125	100	54.0B	21.0B	26
27	20.9B	19.2B	19.5B	17.3B	454	179	116	53.0	123	99.6	53.0B	20.7B	27
28	19.0B	19.4B	19.0B	17.6B	507	175	115	51.8	116	95.3	51.0B	20.4B	28
29	18.5B		18.8B	17.9B	541	173	115	52.0	113	89.8	49.0B	20.1B	29
30	18.1B		18.7B	18.2B	541	168	116	52.6	112	88.9	47.0B	20.0B	30
31	18.9B		18.7B		535		116	51.5		87.2		19.9B	31
TOTAL	791.0	577.2	589.3	506.5	7 720.1	7 861	4 563	2 290.8	3 540.9	3 012.5	1 885.2	839.6	TOTAL
MEAN	25.5	20.6	19.0	16.9	249	262	147	73.9	118	97.2	62.8	27.1	MEAN
MAX	30.2	22.4	20.2	19.2	541	516	219	116	172	118	85.4	45.5	MAX
MIN	18.1	19.0	17.6	15.4	18.9	168	113	51.5	53.1	78.9	47.0	19.9	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 93.6
MAXIMUM DAILY, 541 ON MAY 29
MINIMUM DAILY, 15.4B ON APR 15
MAXIMUM INSTANTANEOUS,
545 AT 17:44 YST ON MAY 29

SUMMARY FOR THE YEAR 1981

TYPE OF GAUGE - RECORDING
LOCATION - LAT 60 20 35 N
LONG 132 32 41 W
DRAINAGE AREA, 8 030 km²

B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	68 300	JUL	394 000
FEB	49 900	AUG	198 000
MAR	50 900	SEP	306 000
APR	43 800	OCT	260 000
MAY	667 000	NOV	163 000
JUN	679 000	DEC	72 500

TOTAL DISCHARGE, 2 950 000 dam³

NORTH KLONDIKE RIVER NEAR THE MOUTH - STATION NO. 09EA004

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1981

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	2.02B	2.69B	2.62B	2.99B	3.20B	51.1	27.8	22.3	19.2	20.9	11.2 B	6.98B	1
2	2.18B	2.45B	2.85B	3.00B	3.30B	44.0	27.9	22.5	18.3	20.1	10.9 B	6.73B	2
3	2.32B	2.33B	3.20B	2.97B	3.45B	40.3	32.5	25.8	17.5	19.1	10.7 B	6.61B	3
4	2.36B	2.34B	2.90B	2.89B	3.72B	36.7	40.5	24.8	16.9	18.4	10.4 B	6.48B	4
5	2.32B	2.43B	2.70B	2.85B	3.85B	35.6	37.9	23.3	16.4	18.4	10.0 B	6.40B	5
6	2.29B	2.54B	2.69B	2.86B	4.07B	32.9	36.7	22.6	16.4	18.4	9.71B	6.36B	6
7	2.34B	2.35B	2.62B	2.85B	4.72B	32.4	34.2	21.6	18.2	17.1	9.62B	6.27B	7
8	2.50B	2.20B	2.70B	2.88B	6.00B	33.9	37.0	20.9	19.4	15.3	9.67B	6.22B	8
9	2.50B	2.24B	2.81B	2.75B	7.44B	32.3	37.7	25.1	18.4	15.3	9.70B	6.20B	9
10	2.30B	2.29B	2.88B	2.69B	8.82B	30.0	37.9	28.6	17.7	15.2	9.82B	6.20B	10
11	2.19B	2.00B	2.95B	2.72B	10.7 B	33.7	36.3	27.2	18.7	14.5	9.72B	6.22B	11
12	2.30B	1.73B	3.21B	2.83B	13.5 B	32.3	35.6	26.5	21.4	14.1	9.30B	6.23B	12
13	2.30B	1.76B	3.19B	2.80B	17.7 B	32.8	32.7	25.8	23.5	16.5	8.85B	6.24B	13
14	2.50B	2.02B	3.09B	2.72B	21.7 A	32.0	29.7	29.7	22.4	18.7	8.58B	6.30B	14
15	2.75B	2.00B	3.11B	2.70B	22.9 A	30.4	28.1	31.2	24.4	18.8	8.23B	6.40B	15
16	2.60B	2.01B	3.21B	2.75B	24.1 A	28.7	27.2	32.2	27.4	17.1	7.63B	6.41B	16
17	2.50B	2.10B	3.10B	2.78B	29.0 A	25.3	27.7	35.5	25.8	15.5	7.48B	6.40B	17
18	2.43B	2.20B	3.20B	2.72B	37.1 A	23.5	27.5	33.9	26.4	15.2	7.21B	6.18B	18
19	2.88B	2.26B	3.12B	2.71B	41.7 A	22.1	42.1	32.5	29.2	14.5	7.00B	5.85B	19
20	2.65B	2.40B	3.09B	2.69B	38.3 A	21.0	41.3	31.8	32.3	14.5	6.84B	5.60B	20
21	2.57B	2.51B	2.98B	2.61B	31.4 A	20.6	36.1	30.9	36.6	14.5	6.80B	5.36B	21
22	2.38B	2.72B	2.80B	2.60B	30.4 A	21.0	34.5	30.0	34.8	14.6	6.80B	4.81B	22
23	2.31B	2.94B	2.93B	2.79B	32.4 A	19.4	32.3	29.3A	31.7	14.7	6.83B	4.46B	23
24	2.36B	2.86B	2.89B	2.80B	30.8 A	17.8	30.3	27.7	29.7	14.5	6.82B	4.12B	24
25	2.50B	2.64B	2.80B	2.88B	43.2 A	17.3	29.4	26.1	28.4	14.3B	6.80B	3.83B	25
26	2.70B	2.58B	2.83B	2.92B	55.7 A	18.4	30.1	24.6	27.5	13.7B	6.83B	3.65B	26
27	2.49B	2.56B	2.90B	3.00B	74.4 A	21.2	28.4	23.4	26.1	12.3B	6.92B	3.47B	27
28	2.19B	2.54B	3.01B	3.06B	87.2 A	27.6	26.8	22.4	24.2	12.9B	6.99B	3.34B	28
29	2.25B		2.92B	3.10B	69.8 E	27.6	25.4	21.7	23.0	12.7B	7.07B	3.22B	29
30	2.40B		2.85B	3.15B	57.3	26.0	24.4	20.9	22.2	12.4B	7.09B	3.13B	30
31	2.51B		2.88B		57.1		23.2	20.0		11.7B		3.03B	31
TOTAL	74.89	65.69	91.11	85.06	874.97	871.9	999.2	820.8	714.1	485.9	251.51	168.70	TOTAL
MEAN	2.42	2.35	2.94	2.84	28.2	29.1	32.2	26.5	23.8	15.7	8.38	5.44	MEAN
MAX	2.88	2.94	3.21	3.15	87.2	51.1	42.1	35.5	36.6	20.9	11.2	6.98	MAX
MIN	2.02	1.73	2.62	2.60	3.20	17.3	23.2	20.0	16.4	11.7	6.80	3.03	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 15.1
MAXIMUM DAILY, 87.2A ON MAY 28
MINIMUM DAILY, 1.73B ON FEB 12
MAXIMUM INSTANTANEOUS,
99.1 AT 06:00 YST ON MAY 28

SUMMARY FOR THE YEAR 1981

TYPE OF GAUGE - RECORDING
LOCATION - LAT 64 01 16 N
LONG 138 34 58 W
DRAINAGE AREA, 1 100 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	6 470	JUL	86 300
FEB	5 680	AUG	70 900
MAR	7 870	SEP	61 700
APR	7 350	OCT	42 000
MAY	75 600	NOV	21 700
JUN	75 300	DEC	14 600

TOTAL DISCHARGE, 475 000 dam³

YUKON TERRITORY

OGILVIE RIVER AT KILOMETRE 197.9 DEMPSTER HIGHWAY - STATION NO. 10MA002

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1981

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	1.51 B	0.950B	0.838B	0.863B	1.80B	61.9 A	95.0A	70.0E	23.5E	31.0 E	5.43B	2.60B	1
2	1.43 B	0.961B	0.841B	0.863B	2.60B	59.3 A	92.3A	60.5E	22.8E	28.3 E	5.20B	2.60B	2
3	1.34 B	0.957B	0.855B	0.862B	11.5 B	58.5 A	91.8A	53.0A	21.9E	26.4 E	4.84B	2.60B	3
4	1.27 B	0.948B	0.850B	0.861B	21.0 B	46.4 A	133 A	52.0E	21.2A	23.8 E	4.66B	2.57B	4
5	1.21 B	0.910B	0.840B	0.860B	31.0 B	50.8 A	217 A	49.8E	20.8A	21.0 E	4.60B	2.50B	5
6	1.17 B	0.867B	0.842B	0.859B	176 A	58.5 A	160 A	48.0E	19.9A	19.8 E	4.56B	2.30B	6
7	1.11 B	0.830B	0.836B	0.855B	147 A	58.5 E	107 A	46.0E	20.2A	18.1 E	4.40B	2.15B	7
8	1.09 B	0.820B	0.826B	0.850B	243 A	58.5 E	93.4A	44.0E	20.1E	16.3 E	4.20B	2.00B	8
9	1.08 B	0.815B	0.820B	0.845B	249 A	58.9 A	90.8A	42.6E	20.0E	15.1 A	3.95B	1.99B	9
10	1.08 B	0.802B	0.821B	0.841B	295 A	109 A	82.6A	41.8E	19.9A	14.8 B	3.82B	1.99B	10
11	1.08 B	0.775B	0.827B	0.840B	295 A	108 A	57.6A	41.1E	19.9A	14.1 B	3.70B	2.00B	11
12	1.09 B	0.750B	0.839B	0.843B	231 A	58.9 A	62.7A	40.0E	18.4A	13.6 B	3.59B	1.99B	12
13	1.10 B	0.735B	0.850B	0.851B	142 A	53.8 A	55.5A	39.6E	20.0E	13.0 B	3.48B	1.96B	13
14	1.11 B	0.725B	0.860B	0.857B	98.8 A	52.2 E	50.8A	39.2A	22.1A	12.1 B	3.38B	1.97B	14
15	1.11 B	0.719B	0.865B	0.856B	97.7 A	39.9 A	44.3A	39.0E	21.5A	11.8 B	3.32B	1.98B	15
16	1.10 B	0.708B	0.873B	0.849B	95.0 A	27.1 A	38.1A	38.0E	20.2A	11.3 B	3.29B	1.98B	16
17	1.09 B	0.705B	0.860B	0.840B	114 A	22.4 A	41.9A	37.5E	24.0A	10.6 B	3.25B	1.94B	17
18	1.08 B	0.701B	0.844B	0.835B	166 A	19.9 A	40.3A	47.6A	25.0E	10.1 B	3.20B	1.94B	18
19	1.07 B	0.701B	0.830B	0.827B	129 A	15.9 A	216 A	64.5A	26.2E	9.60B	3.15B	1.92B	19
20	1.06 B	0.707B	0.819B	0.822B	121 A	8.98A	462 A	82.1A	40.0E	9.30B	3.05B	1.89B	20
21	1.06 B	0.718B	0.810B	0.824B	87.7 A	6.94A	185 A	90.0E	61.0E	9.10B	2.97B	1.80B	21
22	1.05 B	0.726B	0.800B	0.828B	73.2 A	27.1 A	160 A	96.0E	72.2A	8.95B	2.91B	1.68B	22
23	1.06 B	0.738B	0.799B	0.839B	75.1 A	38.8 A	120 A	72.0E	60.6A	8.70B	2.87B	1.57B	23
24	1.06 B	0.752B	0.799B	0.850B	76.1 A	32.8 A	129 A	56.8A	50.4A	8.30B	2.83B	1.49B	24
25	1.05 B	0.765B	0.800B	0.868B	79.6 A	41.4 A	133 E	52.0E	42.9A	7.80B	2.81B	1.42B	25
26	1.03 B	0.800B	0.808B	0.900B	69.9 A	37.0 A	150 E	49.0E	41.7A	7.50B	2.75B	1.36B	26
27	1.01 B	0.824B	0.820B	0.930B	61.0 A	37.7 A	164 E	44.0E	40.0E	7.10B	2.70B	1.33B	27
28	1.00 B	0.839B	0.827B	0.970B	46.4 A	39.2 A	185 E	40.3A	39.1E	6.65B	2.70B	1.30B	28
29	0.970B		0.840B	1.02 B	44.5 A	45.7 A	130 E	25.5A	37.5E	6.10B	2.68B	1.25B	29
30	0.958B		0.850B	1.39 B	39.5 A	59.3 A	101 E	26.8A	35.2E	5.90B	2.63B	1.23B	30
31	0.950B		0.858B		49.0 E		84.6A	24.6A		5.60B		1.21B	31
TOTAL	34.378	22.248	25.847	26.398	3 369.40	1 393.32	3 773.2	1 553.3	928.2	411.80	106.92	58.51	TOTAL
MEAN	1.11	0.795	0.834	0.880	109	46.4	122	50.1	30.9	13.3	3.56	1.89	MEAN
MAX	1.51	0.961	0.873	1.39	295	109	462	96.0	72.2	31.0	5.43	2.60	MAX
MIN	0.950	0.701	0.799	0.822	1.80	6.94	38.1	24.6	18.4	5.60	2.63	1.21	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 32.1
MAXIMUM DAILY, 462A ON JUL 20
MINIMUM DAILY, 0.701B ON FEB 18

SUMMARY FOR THE YEAR 1981

TYPE OF GAUGE - RECORDING
LOCATION - LAT 65 21 45 N
LONG 138 17 50 W
DRAINAGE AREA, 5 410 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	2 970	JUL	326 000
FEB	1 920	AUG	134 000
MAR	2 230	SEP	80 200
APR	2 280	OCT	35 600
MAY	291 000	NOV	9 240
JUN	120 000	DEC	5 060

TOTAL DISCHARGE, 1 010 000 dam³

OLD CROW RIVER NEAR THE MOUTH - STATION NO. 09FC001

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1981

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	1.58B	1.13 B	0.760B	0.712B	1.06B	---	---	---	---	---	8.10B	5.73B	1
2	1.59B	1.08 B	0.758B	0.720B	1.11B	---	---	---	---	---	8.00B	5.70B	2
3	1.59B	1.04 B	0.760B	0.730B	1.20B	---	---	---	---	---	7.95B	5.62B	3
4	1.58B	1.03 B	0.757B	0.740B	1.34B	---	---	---	---	---	7.88B	5.58B	4
5	1.57B	1.01 B	0.762B	0.748B	1.50B	---	---	---	---	---	7.80B	5.50B	5
6	1.51B	0.970B	0.761B	0.760B	2.40B	---	---	---	---	19.8 B	7.78B	5.45B	6
7	1.47B	0.943B	0.761B	0.773B	9.00B	---	---	---	---	18.3 B	7.70B	5.40B	7
8	1.41B	0.930B	0.760B	0.770B	34.0 B	---	---	---	---	16.8 B	7.67B	5.39B	8
9	1.38B	0.900B	0.762B	0.770B	84.0 B	---	---	---	---	15.5 B	7.62B	5.39B	9
10	1.37B	0.885B	0.768B	0.765B	102 B	---	---	---	---	14.3 B	7.58B	5.40B	10
11	1.37B	0.855B	0.775B	0.762B	105 E	---	---	332A	---	14.1 B	7.50B	5.42B	11
12	1.38B	0.840B	0.790B	0.760B	101 E	---	---	322	---	13.4 B	7.45B	5.47B	12
13	1.40B	0.820B	0.805B	0.758B	90.0 E	---	---	421	---	12.7 B	7.40B	5.52B	13
14	1.39B	0.800B	0.820B	0.743B	69.0 E	---	---	359	---	12.0 B	7.34B	5.58B	14
15	1.39B	0.788B	0.830B	0.744B	56.0 E	---	---	296	---	11.2 B	7.26B	5.60B	15
16	1.39B	0.780B	0.830B	0.747B	48.5 E	---	---	243	---	10.8 B	7.19B	5.62B	16
17	1.40B	0.778B	0.827B	0.752B	45.0 E	---	---	204	---	10.6 B	7.03B	5.68B	17
18	1.43B	0.770B	0.810B	0.760B	43.0 E	---	---	183	---	10.3 B	6.90B	5.75B	18
19	1.45B	0.760B	0.800B	0.770B	44.5 E	---	---	187	---	10.1 B	6.85B	5.78B	19
20	1.46B	0.743B	0.785B	0.790B	55.0 E	---	---	178	---	9.75B	6.82B	5.70B	20
21	1.47B	0.735B	0.755B	0.820B	360 E	---	---	171	---	9.45B	6.79B	5.60B	21
22	1.44B	0.730B	0.725B	0.830B	394 A	---	---	174	---	9.30B	6.66B	5.52B	22
23	1.42B	0.725B	0.720B	0.843B	495	---	---	189	---	9.12B	6.50B	5.40B	23
24	1.40B	0.725B	0.715B	0.860B	657	---	---	302	---	9.02B	6.40B	5.15B	24
25	1.38B	0.730B	0.700B	0.890B	730	---	---	448	---	8.90B	6.33B	4.05B	25
26	1.36B	0.735B	0.687B	0.907B	707	---	---	442	---	8.75B	6.27B	3.82B	26
27	1.33B	0.740B	0.690B	0.928B	623	---	---	387	---	8.62B	6.19B	3.70B	27
28	1.25B	0.755B	0.695B	0.940B	---	---	---	338A	---	8.55B	6.08B	3.52B	28
29	1.21B		0.698B	0.970B	---	---	---	---	---	8.43B	5.93B	3.47B	29
30	1.17B		0.700B	1.02 B	---	---	---	---	---	8.32B	5.80B	3.42B	30
31	1.16B		0.707B		---		---	---		8.25B		3.35B	31
TOTAL	43.70	23.727	23.473	24.082	---	---	---	---	---	---	212.77	158.28	TOTAL
MEAN	1.41	0.847	0.757	0.803	---	---	---	---	---	---	7.09	5.11	MEAN
MAX	1.59	1.13	0.830	1.02	---	---	---	---	---	---	8.10	5.78	MAX
MIN	1.16	0.725	0.687	0.712	---	---	---	---	---	---	5.80	3.35	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MAXIMUM DAILY, 730 ON MAY 25
MINIMUM DAILY, 0.687B ON MAR 26
MAXIMUM INSTANTANEOUS,
737 AT 17:30 YST ON MAY 25

SUMMARY FOR THE YEAR 1981

TYPE OF GAUGE - RECORDING
LOCATION - LAT 67 38 04 N
LONG 139 41 47 W
DRAINAGE AREA, 13 900 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	3 780	JUL	---
FEB	2 050	AUG	---
MAR	2 030	SEP	---
APR	2 080	OCT	---
MAY	---	NOV	18 400
JUN	---	DEC	13 700

PEEL RIVER ABOVE CANYON CREEK - STATION NO. 10MA001

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1981

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	13.1B	12.7B	13.7B	14.9B	32.0B	394	497	300E	199	185	77.0B	50.0B	1
2	13.1B	12.7B	13.9B	15.0B	41.1B	406	517	260E	193	176	76.6B	50.1B	2
3	13.0B	12.8B	14.0B	15.0B	69.0B	363	462	249E	186	171	75.5B	50.2B	3
4	13.0B	13.0B	13.9B	15.0B	101 B	343	628	236E	180	165	74.8B	50.0B	4
5	13.0B	12.9B	13.8B	15.0B	170 B	357	782	220E	175	157 B	74.0B	48.0B	5
6	13.0B	12.8B	13.8B	15.0B	320 B	522	758	211E	171	150 B	73.5B	44.0B	6
7	13.1B	12.8B	13.9B	14.9B	480 B	553	593	203E	168	149 B	72.3B	42.0B	7
8	13.1B	12.8B	14.0B	14.8B	700 E	500	496	194E	169	148 B	70.5B	40.3B	8
9	13.1B	12.7B	14.1B	14.7B	1 100 E	484	439	190E	180	146 B	70.0B	39.8B	9
10	13.1B	12.7B	14.4B	14.7B	1 000 E	424	398	187E	185	142 B	69.9B	39.0B	10
11	13.1B	12.8B	14.5B	14.8B	1 800 E	395	369	181E	182	136 B	69.0B	39.0B	11
12	13.2B	12.8B	14.7B	14.9B	2 050 E	361 A	362	179E	181	132 B	67.0B	39.0B	12
13	13.2B	12.7B	14.8B	15.0B	1 500 E	350 E	357	178E	191	129 B	66.0B	39.5B	13
14	13.2B	12.7B	14.9B	15.0B	1 100 E	330 E	350	173E	210	126 B	64.1B	39.2B	14
15	13.1B	12.6B	14.9B	15.0B	850 E	320 E	343	170E	216	123 B	63.5B	38.8B	15
16	13.0B	12.7B	14.8B	15.0B	860 E	227 E	331	169E	213	122 B	62.0B	38.6B	16
17	13.0B	12.7B	14.6B	15.1B	890 E	144 E	325	168E	219	120 B	62.0B	39.0B	17
18	13.0B	12.7B	14.4B	15.1B	990 E	103 E	328	180E	220	117 B	62.0B	38.8B	18
19	13.0B	12.6B	14.2B	15.1B	1 270 E	73.0E	345	201E	217	111 B	62.0B	38.3B	19
20	12.9B	12.6B	14.1B	15.1B	1 130 E	46.0E	914	337E	218	107 B	60.8B	38.0B	20
21	13.0B	12.7B	14.0B	15.2B	920 E	35.5E	1 090	438E	231	102 B	60.0B	35.0B	21
22	13.0B	12.8B	13.9B	15.3B	870 E	45.6E	662	580E	253	98.0B	59.0B	33.5B	22
23	13.0B	12.7B	13.9B	15.3B	760 E	195 E	482	520E	273	94.0B	57.2B	30.3B	23
24	13.0B	12.7B	13.9B	15.6B	728	290 E	430	444E	263	92.0B	55.8B	27.8B	24
25	12.9B	12.8B	14.0B	15.8B	532	260 E	368A	390E	246	90.0B	54.0B	26.7B	25
26	12.9B	12.9B	14.0B	16.2B	476	300 E	437E	330E	233	89.5B	53.2B	26.0B	26
27	12.8B	13.0B	14.3B	16.9B	483	290 E	500E	241A	226	88.0B	52.3B	25.2B	27
28	12.8B	13.3B	14.5B	17.9B	464	300 E	550E	232	219	87.9B	51.6B	24.9B	28
29	12.7B		14.7B	19.8B	487	320 E	580E	223	207	87.6B	51.6B	24.7B	29
30	12.7B		14.8B	24.7B	487	375 E	458E	214	195	85.0B	50.8B	24.2B	30
31	12.7B		14.9B		404		390E	207		80.8B		24.0B	31
TOTAL	402.8	357.7	442.3	471.8	23 064.1	9 106.1	15 541	8 005	6 219	3 806.8	1 918.0	1 143.9	TOTAL
MEAN	13.0	12.8	14.3	15.7	744	304	501	258	207	123	63.9	36.9	MEAN
MAX	13.2	13.3	14.9	24.7	2 050	553	1 090	580	273	185	77.0	50.2	MAX
MIN	12.7	12.6	13.7	14.7	32.0	35.5	325	168	168	80.8	50.8	24.0	MIN

SUMMARY FOR THE YEAR 1981

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 193
MAXIMUM DAILY, 2 050E ON MAY 12
MINIMUM DAILY, 12.6B ON FEB 15

TYPE OF GAUGE - RECORDING
LOCATION - LAT 65 53 40 N
LONG 136 02 10 W
DRAINAGE AREA, 25 700 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	34 800	JUL	1 340 000
FEB	30 900	AUG	692 000
MAR	38 200	SEP	537 000
APR	40 800	OCT	329 000
MAY	1 990 000	NOV	166 000
JUN	787 000	DEC	98 800

TOTAL DISCHARGE, 6 080 000 dam³

PELLY RIVER AT PELLY CROSSING - STATION NO. 09BC001

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1981

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	77.0B	62.5B	59.5B	55.4B	235B	1 370	580	393	249	367	259E	111 B	1
2	77.3B	62.7B	59.5B	55.8B	290B	1 330	584	395	246	358	235E	111 B	2
3	78.0B	62.9B	59.5B	55.9B	330B	1 260	586	397	244	353	195E	110 B	3
4	78.3B	63.0B	58.2B	56.0B	365B	1 160	592	395	244	342	165E	109 B	4
5	78.0B	62.5B	57.8B	56.1B	386	1 060	617	392	241	331	160B	106 B	5
6	77.0B	62.0B	57.4B	56.0B	398	966	647	391	237	319	159B	104 B	6
7	76.0B	61.5B	57.0B	56.0B	373	880	678	395	234	307	159B	102 B	7
8	74.5B	61.0B	57.0B	56.0B	418	844	701	397	238	294	159B	99.0B	8
9	73.5B	60.5B	57.2B	56.3B	624	842	711	406	256	286	159B	98.5B	9
10	73.0B	60.0B	57.5B	56.5B	596	812	703	411	268	281	159B	98.0B	10
11	73.0B	59.7B	57.8B	56.2B	625	783	684	401	287	276	157B	97.1B	11
12	73.0B	59.9B	58.0B	56.0B	748	779	666	385	312	272	155B	96.8B	12
13	73.0B	60.2B	58.1B	56.0B	881	778	644	373	352	268	151B	96.0B	13
14	73.5B	60.7B	58.3B	56.1B	982	785	614	363	377	263	145B	95.5B	14
15	74.0B	61.2B	58.1B	57.2B	1 080	782	584	349	391	269	142B	95.5B	15
16	74.0B	61.2B	58.0B	58.0B	1 150	769	563	339	410	296	136B	95.0B	16
17	73.5B	61.0B	57.9B	58.3B	1 140	755	543	334	434	310	131B	94.0B	17
18	73.0B	60.8B	57.4B	58.5B	1 120	733	519	326	443	325	128B	93.5B	18
19	72.0B	60.3B	56.7B	59.6B	1 130	704	496	320	444	341	126B	91.0B	19
20	71.0B	60.3B	56.5B	60.5B	1 160	676	478	314	452	362	125B	89.0B	20
21	70.0B	60.5B	56.3B	62.0B	1 210	642	458	307	457	368E	124B	85.0B	21
22	69.0B	61.3B	56.2B	63.2B	1 260	612	445	300	456	358E	123B	83.0B	22
23	67.5B	61.7B	56.0B	65.0B	1 320	592	435	292	452	345E	122B	81.5B	23
24	66.5B	61.5B	56.1B	68.0B	1 330	585	425	285	438	339E	122B	81.0B	24
25	64.7B	61.0B	56.8B	72.0B	1 340	584	419	280	423	332E	120B	80.0B	25
26	63.0B	60.8B	57.0B	76.0B	1 360	591	415	274	412	325E	118B	79.0B	26
27	62.5B	61.0B	57.2B	83.0B	1 350	599	405	267	404	315E	114B	76.0B	27
28	62.0B	60.5B	57.5B	110 B	1 390	595	394	263	394	305E	112B	72.0B	28
29	61.8B		57.0B	142 B	1 430	587	390	257	385	299E	111B	68.5B	29
30	62.0B		56.5B	200 B	1 440	583	387	252	375	289E	111B	62.0B	30
31	62.3B		55.5B		1 420		392	251		275E		59.0B	31
TOTAL	2 203.9	1 712.2	1 779.5	2 077.6	28 881	24 038	16 755	10 504	10 555	9 770	4 382	2 818.9	TOTAL
MEAN	71.1	61.2	57.4	69.3	932	801	540	339	352	315	146	90.9	MEAN
MAX	78.3	63.0	59.5	200	1 440	1 370	711	411	457	368	259	111	MAX
MIN	61.8	59.7	55.5	55.4	235	583	387	251	234	263	111	59.0	MIN

SUMMARY FOR THE YEAR 1981

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 316
MAXIMUM DAILY, 1 440 ON MAY 30
MINIMUM DAILY, 55.4B ON APR 1
MAXIMUM INSTANTANEOUS,
1 460 AT 01:33 YST ON MAY 30

TYPE OF GAUGE - RECORDING
LOCATION - LAT 62 49 47 N
LONG 136 34 50 W
DRAINAGE AREA, 49 000 km²
B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	190 000	JUL	1 450 000
FEB	148 000	AUG	908 000
MAR	154 000	SEP	912 000
APR	180 000	OCT	844 000
MAY	2 500 000	NOV	379 000
JUN	2 080 000	DEC	244 000

TOTAL DISCHARGE, 9 990 000 dam³

YUKON TERRITORY

PELLY RIVER BELOW VANGORDA CREEK - STATION NO. 09BC004

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1981

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	31.0B	24.0B	23.3B	21.8B	36.0B	837A	321	175	96.5	148	88.3	41.0B	1
2	31.1B	24.2B	23.2B	21.9B	40.0B	775	312	172	98.2	144	75.9	40.0B	2
3	31.3B	24.3B	23.0B	21.9B	66.0B	726	311	169	97.4	140	70.2	39.8B	3
4	31.2B	24.4B	22.5B	21.8B	100 B	664	324	163	95.9	135	65.2	38.0B	4
5	30.9B	24.4B	22.2B	21.7B	150 B	605	342	161	94.6	129	64.0B	37.0B	5
6	30.2B	24.2B	22.1B	21.7B	195 E	547	366	161	93.5	120	63.0B	36.5B	6
7	29.8B	24.0B	22.0B	21.8B	220 E	517	391	162	93.5	117	62.6B	36.0B	7
8	29.3B	23.8B	22.1B	21.9B	360 E	506	392	163	101	112	62.0B	35.0B	8
9	29.1B	23.6B	22.3B	21.8B	330 E	479	379	164	113	110	61.7B	35.5B	9
10	29.1B	23.4B	22.5B	21.7B	310 E	463	360	158	115	109	60.0B	35.0B	10
11	29.2B	23.2B	22.8B	21.4B	340 E	469	348	151	127	106	59.0B	35.0B	11
12	29.5B	23.1B	23.0B	21.2B	410 E	484	336	145	144	103	55.0B	35.0B	12
13	29.8B	23.0B	23.0B	21.1B	505 E	495	317	138	162	101	53.0B	35.0B	13
14	29.9B	23.1B	23.1B	21.1B	580 E	485	301	134	177	102	51.0B	35.0B	14
15	30.0B	23.3B	23.1B	21.0B	610 E	475	288	132	206	109	50.0B	34.7B	15
16	29.7B	23.6B	23.0B	21.1B	760 E	461	273	129	222	115	48.5B	34.0B	16
17	29.3B	23.6B	22.8B	21.2B	780 E	439	259	124	219	122	48.0B	33.9B	17
18	28.8B	23.3B	22.6B	21.9B	770 E	417	249	121	218	147	47.0B	33.0B	18
19	28.2B	23.1B	22.3B	22.4B	760 E	396	236	117	219	163	46.5B	31.5B	19
20	27.4B	23.2B	22.1B	22.6B	770 E	374	223	113	215	163	46.0B	30.7B	20
21	26.8B	23.6B	21.9B	22.6B	800 E	358	212	110	212	150	45.7B	30.0B	21
22	26.2B	23.8B	21.8B	23.0B	840 E	344	206	108	204	142	45.0B	29.8B	22
23	25.6B	23.9B	21.9B	23.4B	855 E	341	202	105	195	153	44.0B	29.0B	23
24	25.3B	23.8B	22.0B	24.0B	870 E	338	201	103	186	145	42.0B	28.6B	24
25	25.0B	24.0B	22.1B	24.5B	866 A	337	199	101	179	142	41.3B	28.0B	25
26	24.4B	23.9B	22.3B	25.5B	856	337	191	99.0	171	146	41.3B	27.0B	26
27	24.0B	23.9B	22.2B	26.5B	879	327	183	98.3	165	137	40.5B	26.0B	27
28	23.9B	23.7B	22.1B	28.5B	894	326	178	98.2	158	129	40.1B	24.5B	28
29	23.8B		22.0B	31.0B	900	327	177	96.7	153	122	40.0B	24.0B	29
30	23.8B		22.0B	34.0B	871	326	179	95.6	149	109	41.0B	23.0B	30
31	23.9B		21.8B		844		178	95.3		105		22.9B	31
TOTAL	867.7	663.4	695.1	696.0	17 567.0	13 975	8 434	4 062.1	4 679.6	3 975	1 597.8	1 004.4	TOTAL
MEAN	28.0	23.7	22.4	23.2	567	466	272	131	156	128	53.3	32.4	MEAN
MAX	31.3	24.4	23.3	34.0	900	837	392	175	222	163	88.3	41.0	MAX
MIN	23.8	23.0	21.8	21.0	36.0	326	177	95.3	93.5	101	40.0	22.9	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 159
MAXIMUM DAILY, 900 ON MAY 29
MINIMUM DAILY, 21.0B ON APR 15
MAXIMUM INSTANTANEOUS,
907 AT 13:30 YST ON MAY 29

SUMMARY FOR THE YEAR 1981

TYPE OF GAUGE - RECORDING
LOCATION - LAT 62 13 20 N
LONG 133 22 40 W
DRAINAGE AREA, 22 100 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	75 000	JUL	729 000
FEB	57 300	AUG	351 000
MAR	60 100	SEP	404 000
APR	60 100	OCT	343 000
MAY	1 520 000	NOV	138 000
JUN	1 210 000	DEC	86 800

TOTAL DISCHARGE, 5 030 000 dam³

PORCUPINE RIVER AT OLD CROW - STATION NO. 09FD001

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1981

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	31.5B	29.4B	26.5B	22.1B	25.3B	970	---	---	---	251	60.2B	42.1B	1
2	31.6B	29.2B	26.7B	22.0B	26.4B	860	---	---	---	243	59.0B	41.2B	2
3	31.8B	29.0B	26.6B	22.0B	28.0B	732	---	---	---	232	58.0B	40.6B	3
4	31.7B	28.9B	26.4B	22.0B	32.5B	622	---	---	---	220	57.5B	39.8B	4
5	31.4B	28.8B	26.0B	21.9B	61.0B	543	---	---	---	180	57.0B	39.5B	5
6	31.1B	28.4B	25.6B	21.8B	235 B	497	---	---	---	171	56.3B	39.1B	6
7	31.0B	28.0B	25.3B	21.7B	800 B	463	---	---	---	150 B	56.1B	39.0B	7
8	30.8B	27.9B	25.0B	21.7B	2 500 B	434	---	---	---	135 B	56.1B	39.2B	8
9	30.6B	27.5B	24.7B	21.7B	3 150 B	471	---	---	---	127 B	56.2B	39.9B	9
10	30.9B	27.1B	24.6B	21.6B	3 400 E	578	---	---	---	122 B	56.3B	40.1B	10
11	31.2B	27.0B	24.5B	21.5B	3 370 E	602	---	762A	---	118 B	56.0B	40.2B	11
12	31.3B	27.1B	24.5B	21.4B	2 850 E	549	---	923	---	114 B	55.7B	41.0B	12
13	31.3B	26.8B	24.4B	21.3B	1 900 E	502	---	1 080	---	112 B	55.0B	41.2B	13
14	31.8B	26.5B	24.3B	21.2B	1 250 E	463	---	929	---	111 B	54.6B	41.3B	14
15	32.0B	26.2B	24.2B	21.2B	1 010 E	417	---	882	---	106 B	54.2B	41.7B	15
16	32.0B	26.1B	24.0B	21.2B	990 E	370	---	678	---	103 B	53.5B	42.0B	16
17	31.9B	26.2B	23.9B	21.2B	965 E	---	---	---	---	98.5B	52.5B	41.9B	17
18	31.6B	26.5B	23.8B	21.2B	960 E	---	---	---	---	91.0B	51.0B	41.8B	18
19	31.3B	26.9B	23.5B	21.1B	965 E	---	---	---	---	86.5B	49.5B	41.8B	19
20	31.1B	26.8B	23.4B	21.2B	991 A	---	---	---	---	84.5B	49.0B	41.5B	20
21	31.0B	26.9B	23.3B	21.4B	1 040 A	---	---	---	---	83.8B	48.3B	40.2B	21
22	31.0B	27.0B	23.2B	21.7B	1 190 A	---	---	---	---	83.0B	47.5B	38.2B	22
23	31.0B	27.5B	23.1B	22.1B	1 640 E	---	---	---	---	81.7B	47.0B	35.0B	23
24	30.8B	27.8B	23.0B	22.3B	2 520 E	---	---	---	287A	80.0B	46.8B	32.6B	24
25	30.6B	27.8B	23.0B	22.6B	3 610 E	---	---	---	290	78.5B	46.2B	32.0B	25
26	30.7B	27.5B	22.8B	22.9B	3 930 A	---	---	---	304	76.0B	45.9B	30.0B	26
27	30.6B	27.2B	22.7B	23.2B	2 810	---	---	---	304	72.0B	45.2B	27.5B	27
28	30.5B	27.0B	22.5B	23.4B	1 960	---	---	---	287	69.0B	44.8B	23.5B	28
29	30.3B		22.4B	23.7B	1 520	---	---	---	278	65.5B	44.6B	21.5B	29
30	30.0B		22.3B	24.4B	1 190	---	---	---	279	63.5B	44.0B	20.9B	30
31	29.6B		22.2B		1 040		---	---		61.5B		20.2B	31
TOTAL	964.0	769.0	748.4	658.7	47 959.2	---	---	---	---	3 670.0	1 564.0	1 136.5	TOTAL
MEAN	31.1	27.5	24.1	22.0	1 550	---	---	---	---	118	52.1	36.7	MEAN
MAX	32.0	29.4	26.7	24.4	3 930	---	---	---	---	251	60.2	42.1	MAX
MIN	29.6	26.1	22.2	21.1	25.3	---	---	---	---	61.5	44.0	20.2	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MAXIMUM DAILY, 3 930A ON MAY 26
MINIMUM DAILY, 20.2B ON DEC 31
MAXIMUM INSTANTANEOUS,
4 230 AT 04:00 YST ON MAY 26

SUMMARY FOR THE YEAR 1981

TYPE OF GAUGE - RECORDING
LOCATION - LAT 67 33 50 N
LONG 139 53 00 W
DRAINAGE AREA, 55 400 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	83 300	JUL	---
FEB	66 400	AUG	---
MAR	64 700	SEP	---
APR	56 900	OCT	317 000
MAY	4 140 000	NOV	135 000
JUN	---	DEC	98 200

PORCUPINE RIVER BELOW BELL RIVER - STATION NO. 09FB001

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1981

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	30.5B	28.3B	25.5B	21.2B	25.7B	515	376	897	228	177	47.5B	35.9B	1
2	30.8B	28.0B	25.5B	21.2B	32.0B	447	577	936	220	166	46.9B	36.0B	2
3	30.9B	27.9B	25.3B	21.2B	46.5B	381	1 230	1 180	207	158	46.2B	35.8B	3
4	30.8B	27.7B	25.0B	21.1B	90.0B	338	1 290	1 140	194	152	45.7B	35.5B	4
5	30.5B	27.5B	24.8B	21.0B	175 B	319	1 000	901	181	127	45.3B	35.0B	5
6	30.2B	27.0B	24.5B	20.9B	365 B	297	920	708	171	123	45.1B	34.8B	6
7	30.1B	26.6B	24.2B	20.7B	750 B	281	908	584	163	106	45.0B	34.9B	7
8	30.0B	26.5B	24.0B	20.6B	1 650 B	332	878	495	154	96.0B	45.0B	35.0B	8
9	30.0B	26.2B	23.9B	20.5B	2 800 B	441	930	431	147	94.2B	45.1B	35.1B	9
10	29.9B	26.0B	23.8B	20.5B	2 950 E	452	819	385	141	93.0B	45.1B	35.2B	10
11	30.0B	26.0B	23.6B	20.5B	2 750 E	402	741	481	137	91.0B	45.0B	35.3B	11
12	30.0B	25.8B	23.4B	20.6B	2 150 E	358	766	581	135	89.5B	45.0B	35.5B	12
13	30.2B	25.5B	23.2B	20.4B	1 460 E	318	831	484	134	88.0B	44.8B	35.7B	13
14	30.6B	25.0B	23.1B	20.2B	1 050 E	277	868	411	131	86.3B	44.0B	35.9B	14
15	30.7B	24.9B	22.9B	20.0B	820 E	242	722	358	131	84.0B	43.0B	36.0B	15
16	30.6B	24.7B	22.7B	19.9B	680 E	217	569	317	131	80.0B	42.0B	36.1B	16
17	30.4B	24.6B	22.5B	19.9B	645 E	194	480	295	134	74.5B	41.0B	36.1B	17
18	30.4B	24.6B	22.5B	20.0B	635 E	172	430	289	141	69.0B	40.7B	36.2B	18
19	30.4B	24.6B	22.3B	20.1B	635 E	148	462	282	160	67.7B	40.3B	36.0B	19
20	30.2B	24.5B	22.2B	20.2B	640 E	131	926	270	175	67.0B	39.8B	35.2B	20
21	30.0B	24.6B	21.9B	20.3B	810 E	118	1 840	254	184	66.8B	39.5B	33.3B	21
22	29.8B	24.9B	21.8B	20.6B	1 000 E	109	2 180	240	186	66.4B	39.1B	28.5B	22
23	29.8B	25.3B	21.7B	20.7B	1 500 E	101	1 800	243	190	65.0B	39.0B	26.3B	23
24	29.7B	25.5B	21.7B	21.0B	2 440 E	94.8	1 400	315	199	63.0B	38.9B	24.5B	24
25	29.5B	25.7B	21.6B	21.2B	3 180	89.9	1 080	382	208	60.0B	38.8B	21.8B	25
26	29.5B	25.8B	21.4B	21.8B	2 350	90.6	974	367	211	57.0B	38.5B	20.0B	26
27	29.8B	25.7B	21.3B	22.3B	1 470	92.5	1 100	333	210	54.0B	38.0B	18.1B	27
28	29.6B	25.7B	21.2B	22.8B	1 050	94.4	1 390	302	207	52.3B	37.6B	17.2B	28
29	29.4B		21.2B	23.4B	798	166	1 700	281	202	50.5B	37.0B	16.8B	29
30	29.1B		21.2B	24.1B	652	293	1 470	263	191	49.8B	36.3B	16.7B	30
31	28.6B		21.3B		580		1 070	244		48.5B		16.3B	31
TOTAL	932.0	725.1	711.2	628.9	36 179.2	7 511.2	31 727	14 649	5 203	2 722.5	1 265.2	950.7	TOTAL
MEAN	30.1	25.9	22.9	21.0	1 170	250	1 020	473	173	87.8	42.2	30.7	MEAN
MAX	30.9	28.3	25.5	24.1	3 180	515	2 180	1 180	228	177	47.5	36.2	MAX
MIN	28.6	24.5	21.2	19.9	25.7	89.9	376	240	131	48.5	36.3	16.3	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 283
MAXIMUM DAILY, 3 180 ON MAY 25
MINIMUM DAILY, 16.3B ON DEC 31
MAXIMUM INSTANTANEOUS,
3 280 AT 11:25 YST ON MAY 25

SUMMARY FOR THE YEAR 1981

TYPE OF GAUGE - RECORDING
LOCATION - LAT 67 26 25 N
LONG 137 47 01 W
DRAINAGE AREA, 36 000 km²

B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	80 500	JUL	2 740 000
FEB	62 600	AUG	1 270 000
MAR	61 400	SEP	450 000
APR	54 300	OCT	235 000
MAY	3 130 000	NOV	109 000
JUN	649 000	DEC	82 100

TOTAL DISCHARGE, 8 920 000 dam³

QUIET LAKE AT KILOMETRE 98 SOUTH CANOL ROAD - STATION NO. 09AG002

DAILY WATER LEVEL IN METRES FOR 1981

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	---	---	---	---	---	7.019	6.858	6.948	6.885	---	1
2	---	---	---	---	---	---	---	7.006	6.860	6.942	6.877	---	2
3	---	---	---	---	---	---	---	6.997	6.863	6.933	6.874	---	3
4	---	---	---	---	---	---	---	6.996	6.858	6.935	6.875	---	4
5	---	---	---	---	---	---	---	7.001	6.857	6.929	6.877	---	5
6	---	---	---	---	---	---	---	7.001	6.862	6.928	6.876	---	6
7	---	---	---	---	---	---	---	6.990	6.876	6.929	6.865	---	7
8	---	---	---	---	---	---	7.237A	6.987	6.887	6.923	6.860	---	8
9	---	---	---	---	---	---	7.228A	6.977	6.893	6.917	6.859	---	9
10	---	---	---	---	---	---	7.219	6.967	6.901	6.913	6.859	---	10
11	---	---	---	---	---	---	7.215	6.955	6.914	6.907	6.850A	---	11
12	---	---	---	---	---	---	7.203	6.944	6.920	6.904	---	---	12
13	---	---	---	---	---	---	7.191	6.948	6.933	6.902	---	---	13
14	---	---	---	---	---	---	7.182	6.941	6.936	6.900	---	---	14
15	---	---	---	---	---	---	7.177	6.928	6.951	6.906	---	---	15
16	---	---	---	---	---	---	7.166	6.921	6.964	6.910	---	---	16
17	---	---	---	---	---	---	7.154	6.909	6.961	6.907	---	---	17
18	---	---	---	---	---	---	7.147	6.903	6.964	6.918	---	---	18
19	---	---	---	---	---	---	7.139	6.901	6.974	6.912	---	---	19
20	---	---	---	---	---	---	7.127	6.897	6.975	6.907	---	---	20
21	---	---	---	---	---	---	7.113	6.895	6.964	6.902	---	---	21
22	---	---	---	---	---	---	7.103	6.893	6.965	6.898	---	---	22
23	---	---	---	---	---	---	7.098	6.884	6.963	6.904	---	---	23
24	---	---	---	---	---	---	7.091	6.885	6.960	6.911	---	---	24
25	---	---	---	---	---	---	7.079	6.887	6.954	6.908	---	---	25
26	---	---	---	---	---	---	7.066	6.881	6.956	6.906	---	---	26
27	---	---	---	---	---	---	7.054	6.877	6.953	6.899	---	---	27
28	---	---	---	---	---	---	7.046	6.867	6.949	6.894	---	---	28
29	---		---	---	---	---	7.043	6.864	6.943	6.889	---	---	29
30	---		---	---	---	---	7.029	6.860	6.943	6.881	---	---	30
31	---		---		---		7.022	6.858		6.886		---	31
MEAN	---	---	---	---	---	---	---	6.930	6.925	6.911	---	---	MEAN
MAX	---	---	---	---	---	---	---	7.019	6.975	6.948	---	---	MAX
MIN	---	---	---	---	---	---	---	6.858	6.857	6.881	---	---	MIN

SUMMARY FOR THE YEAR 1981

TYPE OF GAUGE - RECORDING
LOCATION - LAT 61 08 35 N
LONG 133 04 50 W

A - MANUAL GAUGE

NATURAL FLOW

WATER LEVELS ARE REFERRED TO ASSUMED DATUM

YUKON TERRITORY

ROSS RIVER AT ROSS RIVER - STATION NO. 09BA001

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1981

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	7.47B	6.66B	6.63B	5.98B	10.7B	275	97.5	58.8	33.5	52.5	31.0B	22.5B	1
2	7.58B	6.72B	6.61B	5.99B	13.3B	260	94.0	58.6	31.5	53.3	30.8B	21.9B	2
3	7.60B	6.79B	6.60B	6.00B	17.0B	242	93.0	57.0	29.8	53.1	30.2B	21.4B	3
4	7.62B	6.82B	6.57B	6.00B	21.0B	216	99.6	56.2	28.5	52.0	29.8B	20.9B	4
5	7.54B	6.85B	6.45B	5.90B	26.5B	192	115	56.2	27.8	49.7	28.8B	20.3B	5
6	7.45B	6.85B	6.39B	5.80B	34.0B	174	130	58.6	26.5	44.8	28.2B	19.9B	6
7	7.32B	6.83B	6.38B	5.86B	41.0B	174	138	62.0	26.0	42.2	27.9B	19.6B	7
8	7.23B	6.81B	6.34B	5.94B	53.0B	167	133	66.2	25.7	42.1	27.6B	19.4B	8
9	7.22B	6.79B	6.32B	5.82B	67.7	157	124	68.6	23.8	41.8	27.5B	19.1B	9
10	7.23B	6.78B	6.38B	5.68B	89.2	161	116	68.6	21.5	41.1	27.0B	18.9B	10
11	7.28B	6.77B	6.42B	5.64B	103	165	110	65.2	33.8E	40.4	26.7B	18.6B	11
12	7.35B	6.65B	6.47B	5.62B	122	173	102	61.3	46.1	39.9	26.0B	18.4B	12
13	7.38B	6.61B	6.55B	5.60B	160	167	96.1	57.9	54.9	39.5	25.9B	18.3B	13
14	7.40B	6.60B	6.59B	5.62B	196	157	92.3	56.1	70.2	38.6	26.1B	18.1B	14
15	7.40B	6.63B	6.58B	5.66B	226	149	88.3	53.7	91.8	36.0	26.1B	18.1B	15
16	7.39B	6.68B	6.56B	5.73B	244	143	85.2	51.2	94.1	36.2B	26.0B	18.2B	16
17	7.37B	6.64B	6.46B	5.88B	246	139	81.5	49.3	86.9	35.9B	25.8B	18.2B	17
18	7.34B	6.60B	6.33B	6.02B	243	134	77.3	47.2	78.3	35.2B	25.5B	18.0B	18
19	7.26B	6.68B	6.19B	6.00B	247	126	74.0	45.3	69.7	34.5B	25.0B	17.8B	19
20	7.19B	6.80B	6.09B	6.00B	261	119	70.5	44.5	68.2	34.3B	24.5B	17.5B	20
21	7.03B	6.88B	6.03B	6.10B	280	111	68.4	43.0	67.2	34.0B	24.1B	17.0B	21
22	6.97B	7.00B	6.01B	6.26B	305	105	67.1	41.8	64.9	33.9B	24.2B	16.7B	22
23	6.80B	6.98B	6.00B	6.40B	324	102	66.0	41.1	62.4	33.1B	24.5B	16.5B	23
24	6.71B	6.90B	6.00B	6.62B	337	104	66.1	40.5	59.9	32.3B	24.8B	16.4B	24
25	6.63B	6.85B	6.02B	6.90B	328	105	64.5	40.1	56.9	31.9B	24.9B	16.3B	25
26	6.59B	6.90B	6.12B	7.10B	314	103	62.3	39.9	55.8	31.0B	24.5B	16.2B	26
27	6.57B	6.87B	6.21B	7.40B	319	102	60.5	40.6	53.9	30.5B	24.2B	16.1B	27
28	6.55B	6.67B	6.21B	7.75B	320	102	59.1	40.6	52.8	30.4B	24.0B	16.0B	28
29	6.55B		6.19B	8.30B	316	102	58.9	40.9	52.4	30.5B	23.8B	15.4B	29
30	6.58B		6.17B	9.30B	304	99.6	58.9	38.5	52.0	30.8B	23.1B	15.0B	30
31	6.60B		6.03B		288		58.5	35.7		30.9B		14.6B	31
TOTAL	221.19	189.61	195.90	188.87	5 856.4	4 525.6	2 707.6	1 585.2	1 546.8	1 192.4	788.5	561.3	TOTAL
MEAN	7.14	6.77	6.32	6.30	189	151	87.3	51.1	51.6	38.5	26.3	18.1	MEAN
MAX	7.62	7.00	6.63	9.30	337	275	138	68.6	94.1	53.3	31.0	22.5	MAX
MIN	6.55	6.60	6.00	5.60	10.7	99.6	58.5	35.7	21.5	30.4	23.1	14.6	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 53.6
MAXIMUM DAILY, 337 ON MAY 24
MINIMUM DAILY, 5.60B ON APR 13
MAXIMUM INSTANTANEOUS,
341 AT 07:10 YST ON MAY 24

SUMMARY FOR THE YEAR 1981

TYPE OF GAUGE - RECORDING
LOCATION - LAT 61 59 40 N
LONG 132 22 40 W
DRAINAGE AREA, 7 250 km²

B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	19 100	JUL	234 000
FEB	16 400	AUG	137 000
MAR	16 900	SEP	134 000
APR	16 300	OCT	103 000
MAY	506 000	NOV	68 100
JUN	391 000	DEC	48 500

TOTAL DISCHARGE, 1 690 000 dam³

SEKULMUN LAKE NEAR WHITEHORSE - STATION NO. 08AA007

DAILY WATER LEVEL IN METRES FOR 1981

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	2.154E	2.200	2.265	2.277	2.274	2.450	2.398E	2.378E	2.251E	2.204	2.160	2.103	1
2	2.154E	2.205	2.265	2.283	2.271	2.440	2.396E	2.372E	2.250E	2.205	2.160	2.108	2
3	2.152E	2.209	2.262	2.284	2.271	2.422	2.394E	2.366E	2.250A	2.201	2.162	2.107	3
4	2.151E	2.205	2.260	2.287	2.269	2.419E	2.394E	2.362E	2.241	2.195	2.154	2.102	4
5	2.150E	2.210	2.262	2.290	2.269	2.397E	2.398E	2.373E	2.239	2.199	2.145	2.104	5
6	2.150E	2.211	2.261	2.292	2.272	2.386E	2.397E	2.388E	2.240	2.209	2.137	2.103	6
7	2.151E	2.221	2.261	2.291	2.274	2.380E	2.410E	2.385E	2.237	2.208	2.138	2.101	7
8	2.153E	2.221	2.263	2.292	2.280	2.371E	2.429E	2.376E	2.239	2.203	2.139	2.100	8
9	2.154E	2.220	2.271	2.290	2.284	2.351E	2.438E	2.357E	2.234	2.200	2.142	2.099	9
10	2.155E	2.221	2.272	2.293	2.286	2.337E	2.442E	2.341E	2.235	2.207	2.144	2.100	10
11	2.158E	2.224	2.268	2.297	2.293	2.334E	2.443E	2.337E	2.240	2.211	2.145	2.097	11
12	2.160E	2.227	2.275	---	2.299	2.328E	2.442E	2.330E	2.228	2.202	2.138	2.097	12
13	2.163E	2.232	2.274	---	2.305	2.324E	2.444E	2.345E	2.225	2.209	2.129	2.095	13
14	2.166E	2.233	2.276	---	2.313	2.329E	2.449E	2.332E	2.230	2.204	2.127	2.095	14
15	2.169A	2.235	2.280	---	2.320	2.335E	2.450E	2.330E	2.219	2.203	2.124	2.095	15
16	2.170	2.235	2.283	---	2.326	2.337E	2.446E	2.308E	2.219	2.198	2.123	2.094	16
17	2.169	2.237	2.282	---	2.335	2.335E	2.440E	2.298E	2.227	2.188	2.120	2.095	17
18	2.170	2.240	2.282	---	2.340	2.347E	2.432E	2.299E	2.218	2.181	2.113	2.091	18
19	2.174	2.246	2.286	---	2.352	2.359E	2.422E	2.297E	2.216	2.185	2.114	2.087	19
20	2.178	2.249	2.291	---	2.360	2.368E	2.418E	2.281E	2.215	2.188	2.119	2.085	20
21	2.179	2.249	2.290	---	2.362	2.376E	2.421E	2.279E	2.227	2.186	2.122	2.086	21
22	2.179	2.255	2.286	---	2.357	2.377E	2.413E	2.268E	2.230	2.184	2.123	2.086	22
23	2.184	2.255	2.273	---	2.358	2.383E	2.410E	2.258E	2.223	2.189	2.122	2.081	23
24	2.188	2.259	2.265	---	2.355	2.392E	2.404E	2.254E	2.220	2.186	2.119	2.085	24
25	2.190	2.258	2.266	2.302A	2.342	2.398E	2.399E	2.256E	2.230	2.192	2.115	2.083	25
26	2.195	2.257	2.262	2.302	2.350	2.411E	2.390E	2.257E	2.220	2.189	2.115	2.080	26
27	2.190	2.261	2.268	2.297	2.380	2.422E	2.395E	2.256E	2.225	2.183	2.118	2.076	27
28	2.193	2.263	2.269	2.293	2.406	2.415E	2.389E	2.255E	2.219	2.180	2.116	2.076	28
29	2.200		2.272	2.287	2.448	2.424E	2.390E	2.254E	2.213	2.180	2.110	2.080	29
30	2.204		2.279	2.279	2.440	2.435E	2.386E	2.253E	2.207	2.170	2.106	2.074	30
31	2.201		2.280		2.442		2.382E	2.252E		2.173		2.073	31
MEAN	2.171	2.234	2.273	---	2.330	2.379	2.415	2.313	2.229	2.199	2.130	2.092	MEAN
MAX	2.204	2.263	2.291	---	2.448	2.450	2.450	2.388	2.251	2.211	2.162	2.108	MAX
MIN	2.150	2.200	2.260	---	2.269	2.324	2.382	2.252	2.207	2.170	2.106	2.073	MIN

WATER LEVELS IN METRES

MAXIMUM DAILY, 2.450 ON JUN 1
MINIMUM DAILY, 2.073 ON DEC 31
MAXIMUM INSTANTANEOUS,
2.466 AT 14:10 YST ON MAY 29

WATER LEVELS ARE REFERRED TO ASSUMED DATUM

SUMMARY FOR THE YEAR 1981

TYPE OF GAUGE - RECORDING
LOCATION - LAT 61 32 25 N
LONG 137 33 00 W

A - MANUAL GAUGE

E - ESTIMATED

NATURAL FLOW

SEKULMUN RIVER AT OUTLET OF SEKULMUN LAKE - STATION NO. 09AA008

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1981

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	0.376B	0.292B	0.114B	0 B	3.40B	6.27	8.71	8.16	5.45	4.80	3.88	2.45B	1
2	0.375B	0.287B	0.101B	0 B	3.60B	9.74	8.67	8.05	5.40	4.69	3.51	2.43B	2
3	0.375B	0.283B	0.089B	0 B	3.85B	9.39	8.63	7.94	5.41	4.67	3.41	2.36B	3
4	0.375B	0.278B	0.078B	0 B	4.05B	9.16	8.64	7.86	5.37	4.73	3.76	2.31B	4
5	0.374B	0.274B	0.065B	0 B	4.20E	8.69	8.71	8.07	5.38	4.72	3.30	2.23B	5
6	0.373B	0.269B	0.052B	0 B	4.35E	8.31	8.70	8.34	5.38	4.74	3.16	2.20B	6
7	0.373B	0.265B	0.040B	0 B	4.55E	8.20	8.93	8.29	5.30	4.91	3.14	2.18B	7
8	0.372B	0.262B	0.026B	0 B	4.70E	8.04	9.27	8.13	5.16	5.18	3.10	2.14B	8
9	0.371B	0.256B	0 B	0 B	4.90E	7.67	9.44	7.78	5.15	4.99	3.01	2.08B	9
10	0.370B	0.252B	0 B	0 B	5.10E	7.42	9.51	7.48	5.14	4.69	2.96B	2.02B	10
11	0.368B	0.248B	0 B	0 B	5.28E	7.36	9.52	7.40	5.23	4.52	2.91B	1.99B	11
12	0.367B	0.242B	0 B	0 B	5.45E	7.25	9.51	7.29	5.19	4.49	2.89B	1.98B	12
13	0.365B	0.237B	0 B	0 B	5.65E	7.18	9.55	7.55	4.98	4.52	2.84B	1.98B	13
14	0.364B	0.234B	0 B	0 B	5.95A	7.27	9.71	7.31	4.98	4.83	2.81B	1.98B	14
15	0.363B	0.226B	0 B	0 B	6.40E	7.38	9.72	7.28	5.29	4.88	2.78B	1.96B	15
16	0.360B	0.220B	0 B	0 B	6.54	7.42	9.64	6.71	5.05	4.66	2.77B	1.85B	16
17	0.358B	0.214B	0 B	0 B	6.67	7.38	9.46	6.52	4.93	4.38	2.75B	1.75B	17
18	0.353B	0.218B	0 B	0 B	6.85	7.60	9.32	6.55	5.08	4.49	2.75B	1.66B	18
19	0.350B	0.203B	0 B	0 B	6.96	7.81	9.14	6.51	5.25	4.13	2.74B	1.63B	19
20	0.345B	0.195B	0 B	0 B	7.04	7.98	9.06	6.20	5.04	3.98	2.74B	1.56B	20
21	0.340B	0.188B	0 B	0 B	6.93	8.12	9.12	6.17	4.95	4.09	2.74B	1.52B	21
22	0.335B	0.180B	0.025B	0 B	6.90	8.15	8.99	5.98	5.02	4.15	2.72B	1.50B	22
23	0.330B	0.173B	0.084B	0 B	6.80	8.25	8.92	5.79	5.21	3.91	2.70B	1.49B	23
24	0.325B	0.165B	0.350B	0 B	6.70	8.59	8.81	5.72	5.18	3.96	2.65B	1.49B	24
25	0.322B	0.156B	0.055B	0 B	6.62	8.71	8.54	5.75	5.24	4.14	2.63B	1.47B	25
26	0.318B	0.150B	0 B	0.042B	6.60	8.94	8.37	5.78	5.06	4.16	2.58B	1.45B	26
27	0.315B	0.140B	0 B	0.375B	6.87	9.15	8.46	5.75	5.13	4.07	2.55B	1.40B	27
28	0.310B	0.132B	0 B	2.20 B	7.42	9.02	8.37	5.53	5.05	3.93	2.53B	1.32B	28
29	0.305B		0 B	2.85 B	7.97	9.18	8.37	5.53	4.91	3.91	2.51B	1.27B	29
30	0.301B		0 B	3.10 B	7.90	9.37	8.31	5.44	4.89	3.78	2.47B	1.21B	30
31	0.298B		0 B		7.34		8.23	5.50		3.64		1.11B	31
TOTAL	10.826	6.239	1.079	8.567	183.54	245.00	278.33	212.36	154.80	136.74	87.29	55.97	TOTAL
MEAN	0.349	0.223	0.035	0.286	5.92	8.17	8.98	6.85	5.16	4.41	2.91	1.81	MEAN
MAX	0.376	0.292	0.350	3.10	7.97	9.74	9.72	8.34	5.45	5.18	3.88	2.45	MAX
MIN	0.298	0.132	0	0	3.40	6.27	8.23	5.44	4.89	3.64	2.47	1.11	MIN

SUMMARY FOR THE YEAR 1981

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 3.78
MAXIMUM DAILY, 9.74 ON JUN 2
MINIMUM DAILY, 0B ON MAR 9
MAXIMUM INSTANTANEOUS,
10.0 AT 16:05 YST ON JUN 2

TYPE OF GAUGE - RECORDING
LOCATION - LAT 61 33 50 N
LONG 137 31 57 W
DRAINAGE AREA, 1 250 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	935	JUL	24 000
FEB	539	AUG	18 300
MAR	93.2	SEP	13 400
APR	740	OCT	11 800
MAY	15 900	NOV	7 540
JUN	21 200	DEC	4 840

TOTAL DISCHARGE, 119 000 dam³

SNAKE RIVER NEAR THE MOUTH - STATION NO. 10MB003

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1981

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	10.6 B	9.01B	6.85B	6.05B	35.0B	227	624	267	108	80.6	37.8B	17.6 B	1
2	10.5 B	9.10B	6.37B	6.05B	42.5B	272	609	235	104	76.1	36.0B	17.3 B	2
3	10.4 B	9.20B	6.22B	6.05B	56.0B	210	490	257	97.2	75.5	35.6B	17.0 B	3
4	10.3 B	9.19B	6.20B	6.05B	75.0B	177	547	302	91.4	74.4	34.8B	16.7 B	4
5	10.2 B	8.93B	6.20B	6.05B	94.5B	281	495	288	87.5	69.3	33.7B	16.4 B	5
6	10.3 B	8.50B	6.20B	6.05B	121 B	734	402	253	84.1	66.6	33.0B	15.9 B	6
7	10.5 B	8.03B	6.20B	6.08B	155 B	617	347	222	82.9	65.5	32.0B	14.7 B	7
8	10.4 B	8.00B	6.20B	6.18B	162 B	345	322	198	84.3	65.4	30.2B	14.0 B	8
9	10.3 B	7.87B	6.30B	6.21B	179	258	304	177	94.0	63.3	29.7B	13.8 B	9
10	10.4 B	7.80B	6.38B	6.23B	196	262	270	173	118	60.4	29.0B	13.6 B	10
11	10.5 B	7.60B	6.40B	6.32B	259	207	252	187	115	60.8	28.4B	13.5 B	11
12	10.5 B	7.35B	6.35B	6.40B	195	171	272	197	117	61.1	27.8B	13.4 B	12
13	10.6 B	7.15B	6.28B	6.50B	124	160	345	201	121	61.7	27.0B	13.2 B	13
14	10.5 B	7.03B	6.22B	6.57B	134	149	296	186	122	61.2	26.5B	13.0 B	14
15	10.5 B	7.00B	6.18B	6.65B	158	129	241	177	117	61.9	26.1B	12.8 B	15
16	10.2 B	7.00B	6.00B	6.80B	139	112	219	176	111	62.2	25.3B	12.8 B	16
17	9.90B	6.80B	5.90B	6.95B	117	99.5	257	184	107	58.6	24.7B	12.6 B	17
18	9.45B	6.54B	5.86B	7.10B	116	88.3	374	222	104	57.4B	24.0B	12.3 B	18
19	9.28B	6.42B	5.80B	7.30B	160	80.5	496	211	101	55.2B	23.7B	12.1 B	19
20	9.03B	6.50B	5.78B	7.50B	176	74.5	787	189	98.8	53.9B	23.0B	12.0 B	20
21	9.00B	6.63B	5.77B	7.90B	186	70.0	521	171	98.9	52.0B	22.0B	11.7 B	21
22	9.04B	6.73B	5.84B	8.35B	187	67.8	487	158	97.7	50.0B	21.8B	11.4 B	22
23	9.11B	6.83B	5.90B	9.00B	269	178	414	151	93.7	48.0B	21.2B	11.1 B	23
24	9.20B	7.00B	5.93B	10.0 B	268	371	326	147	89.5	46.3B	20.8B	10.8 B	24
25	9.25B	7.20B	5.93B	11.3 B	209	310	270	136	87.4	45.0B	20.4B	10.3 B	25
26	9.10B	7.24B	5.94B	12.8 B	202	294	236	128	86.5	43.8B	19.9B	10.0 B	26
27	8.95B	7.15B	5.99B	14.6 B	209	293	296	121	85.6	42.2B	19.5B	9.40B	27
28	8.95B	7.02B	6.01B	17.5 B	207	360	442	119	86.3	41.5B	18.8B	8.70B	28
29	8.98B		6.03B	22.2 B	206	432	346	120	86.6	40.2B	18.2B	8.20B	29
30	8.96B		6.05B	28.0 B	213	394	282	119	83.1	39.7B	18.0B	7.60B	30
31	8.98B		6.05B		205		281	113		39.0B		7.00B	31
TOTAL	303.88	210.82	189.33	270.74	5 055.0	7 423.6	11 850	5 785	2 960.5	1 778.8	788.9	390.90	TOTAL
MEAN	9.80	7.53	6.11	9.02	163	247	382	187	98.7	57.4	26.3	12.6	MEAN
MAX	10.6	9.20	6.85	28.0	269	734	787	302	122	80.6	37.8	17.6	MAX
MIN	8.95	6.42	5.77	6.05	35.0	67.8	219	113	82.9	39.0	18.0	7.00	MIN

SUMMARY FOR THE YEAR 1981

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 101
MAXIMUM DAILY, 787 ON JUL 20
MINIMUM DAILY, 5.77B ON MAR 21
MAXIMUM INSTANTANEOUS,
970 AT 09:00 YST ON JUL 20

TYPE OF GAUGE - RECORDING
LOCATION - LAT 65 58 10 N
LONG 134 01 40 W
DRAINAGE AREA, 8 910 km²

B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	26 300	JUL	1 020 000
FEB	18 200	AUG	500 000
MAR	16 400	SEP	256 000
APR	23 400	OCT	154 000
MAY	437 000	NOV	68 200
JUN	641 000	DEC	33 800

TOTAL DISCHARGE, 3 190 000 dam³

SOUTH MACMILLAN RIVER AT KILOMETRE 401 CANOL ROAD - STATION NO. 09BB001

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1981

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	2.14B	1.68B	1.48B	1.50B	1.87B	93.9	35.2	32.0	15.0	14.0	7.90B	4.23B	1
2	2.18B	1.69B	1.49B	1.51B	1.90B	80.3	30.1	29.2	13.9	13.2	7.75B	4.15B	2
3	2.20B	1.70B	1.49B	1.50B	1.91B	69.0	62.9	30.3	13.1	12.3	7.60B	4.00B	3
4	2.20B	1.71B	1.48B	1.49B	1.94B	57.1	64.1	39.2	12.5	11.9	7.40B	3.80B	4
5	2.16B	1.71B	1.46B	1.49B	1.97B	65.3	60.7	47.6	12.0	11.7	7.00B	3.70B	5
6	2.13B	1.70B	1.46B	1.52B	2.06B	59.7	51.5	57.3	11.6	10.6	6.80B	3.65B	6
7	2.11B	1.69B	1.48B	1.54B	2.15B	52.5	45.5	47.2	17.2	11.4	6.70B	3.55B	7
8	2.07B	1.68B	1.49B	1.58B	2.35B	64.4	46.9	39.4	50.3	12.8	6.60B	3.50B	8
9	2.05B	1.66B	1.50B	1.58B	3.00B	58.3	47.8	35.6	43.1	13.9	6.40B	3.40B	9
10	2.02B	1.62B	1.52B	1.56B	4.00B	57.1	45.4	33.1	35.6	13.2	6.15B	3.35B	10
11	2.02B	1.58B	1.53B	1.54B	5.60B	53.1	48.0	30.7	37.2	12.8	5.90B	3.33B	11
12	2.03B	1.55B	1.54B	1.53B	8.00B	49.5	52.3	31.1	40.3	12.7	5.80B	3.32B	12
13	2.05B	1.53B	1.54B	1.52B	11.1 B	48.5	47.3	27.3	35.6	12.8	5.65B	3.30B	13
14	2.09B	1.52B	1.53B	1.53B	18.0 B	50.9	39.8	25.7	30.2	12.3 B	5.55B	3.30B	14
15	2.10B	1.53B	1.53B	1.54B	28.0 B	48.1	37.8	26.0	27.8	11.9 B	5.45B	3.27B	15
16	2.10B	1.54B	1.50B	1.60B	39.6	42.6	41.3	23.7	27.9	11.7 B	5.40B	3.25B	16
17	2.09B	1.55B	1.48B	1.70B	41.1	34.6	42.8	23.5	26.0	11.5 B	5.37B	3.15B	17
18	2.08B	1.55B	1.48B	1.72B	47.4	30.8	42.8	21.4	25.7	11.4 B	5.31B	3.00B	18
19	2.07B	1.56B	1.46B	1.71B	60.5	28.2	41.3	20.5	27.7	11.1 B	5.25B	2.85B	19
20	2.04B	1.55B	1.45B	1.70B	67.9	27.1	36.6	21.0	24.5	10.9 B	4.90B	2.80B	20
21	2.00B	1.54B	1.45B	1.71B	65.1	27.0	37.3	21.7	22.0	10.5 B	4.75B	2.75B	21
22	1.93B	1.52B	1.46B	1.72B	68.6	30.7	40.2	22.8	20.3	10.0 B	4.70B	2.70B	22
23	1.88B	1.51B	1.47B	1.75B	65.2	35.2	34.7	21.1	19.1	9.85B	4.62B	2.68B	23
24	1.82B	1.50B	1.48B	1.78B	61.0	31.4	32.0	19.0	18.8	9.65B	4.55B	2.65B	24
25	1.76B	1.51B	1.49B	1.79B	71.2	29.3	32.1	17.6	17.6	9.00B	4.47B	2.60B	25
26	1.72B	1.51B	1.50B	1.80B	89.0	31.4	37.6	18.4	16.9	8.75B	4.43B	2.58B	26
27	1.69B	1.49B	1.49B	1.81B	104	35.3	47.4	23.2	16.4	8.45B	4.40B	2.54B	27
28	1.68B	1.47B	1.47B	1.82B	102	40.9	42.2	24.0	15.5	8.40B	4.32B	2.48B	28
29	1.66B		1.43B	1.84B	106	36.6	36.8	20.7	15.4	8.20B	4.30B	2.40B	29
30	1.65B		1.43B	1.86B	106	33.4	36.9	17.4	14.4	8.10B	4.25B	2.32B	30
31	1.66B		1.47B		105		36.7	16.1		7.95B		2.20B	31
TOTAL	61.38	44.35	46.03	49.24	1 293.45	1 402.2	1 354.0	863.8	703.6	342.95	169.67	96.80	TOTAL
MEAN	1.98	1.58	1.48	1.64	41.7	46.7	43.7	27.9	23.5	11.1	5.66	3.12	MEAN
MAX	2.20	1.71	1.54	1.86	106	93.9	64.1	57.3	50.3	14.0	7.90	4.23	MAX
MIN	1.65	1.47	1.43	1.49	1.87	27.0	32.0	16.1	11.6	7.95	4.25	2.20	MIN

SUMMARY FOR THE YEAR 1981

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 17.6
MAXIMUM DAILY, 106 ON MAY 29
MINIMUM DAILY, 1.43B ON MAR 29
MAXIMUM INSTANTANEOUS,
108 AT 09:00 YST ON MAY 30

TYPE OF GAUGE - RECORDING
LOCATION - LAT 62 55 20 N
LONG 130 32 30 W
DRAINAGE AREA, 997 km²

B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	5 300	JUL	117 000
FEB	3 830	AUG	74 600
MAR	3 980	SEP	60 800
APR	4 250	OCT	29 600
MAY	112 000	NOV	14 700
JUN	121 000	DEC	8 360

TOTAL DISCHARGE, 555 000 dam³

STEWART RIVER ABOVE FRASER FALLS - STATION NO. 09DC003

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1981

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	62.8B	46.6B	36.5B	33.5B	106B	1 390	643	598	348	417	152	68.5B	1
2	62.0B	47.0B	35.8B	33.4B	150B	1 350	622	621	326	390	144	68.0B	2
3	61.8B	46.5B	35.2B	33.3B	204B	1 270	657	577	309	369	106	68.5B	3
4	61.7B	45.0B	34.8B	33.2B	285B	1 190	785	558	292	348	102 B	70.0B	4
5	61.5B	43.9B	34.1B	33.0B	400B	1 060	903	603	277	323	101 B	70.2B	5
6	60.4B	43.7B	34.0B	32.9B	560B	965	938	685	267	282	100 B	69.6B	6
7	60.0B	43.4B	34.0B	32.4B	800B	1 040	920	721	259	256	100 B	69.2B	7
8	59.8B	43.0B	34.1B	32.0B	640B	977	887	719	262	246	98.0B	68.0B	8
9	59.7B	42.8B	34.5B	32.0B	641B	910	865	673	324	258	95.0B	66.3B	9
10	59.8B	42.0B	34.7B	32.2B	570B	916	854	626	526	264	94.0B	66.0B	10
11	59.3B	41.8B	34.6B	32.4B	750	867	823	608	585	254	92.0B	66.0B	11
12	58.6B	40.6B	34.3B	32.7B	874	831	778	603	574	245	90.0B	66.2B	12
13	58.7B	40.0B	34.2B	32.1B	1 010	787	762	579	600	236	88.0B	67.0B	13
14	59.0B	39.3B	34.3B	32.0B	1 030	748	751	558	576	228	86.0B	67.5B	14
15	59.0B	39.2B	34.7B	32.0B	878	718	700	533	579	235	82.0B	68.3B	15
16	58.0B	39.1B	34.6B	32.3B	780	690	640	517	604	292	79.5B	70.0B	16
17	55.8B	39.0B	34.1B	32.7B	767	651	603	512	601	407	77.0B	71.0B	17
18	53.5B	39.0B	33.5B	33.0B	813	603	593	503	584	451	75.5B	72.0B	18
19	52.2B	38.9B	33.0B	33.7B	912	548	601	514	571	431	74.0B	73.0B	19
20	50.7B	39.0B	32.4B	34.1B	1 040	500	623	503	590	382	74.0B	72.2B	20
21	49.4B	39.0B	32.3B	34.9B	1 140	464	632	491	607	301	74.2B	72.0B	21
22	48.3B	38.8B	32.2B	35.4B	1 160	441	625	490	598	238	74.0B	70.0B	22
23	47.8B	38.2B	32.1B	36.2B	1 130	447	653	498	570	222	74.0B	69.0B	23
24	47.0B	38.0B	32.0B	37.0B	1 110	495	676	493	537	235	74.0B	66.0B	24
25	46.0B	37.8B	32.0B	38.4B	1 050	555	636	469	510	259	74.0B	63.0B	25
26	45.5B	37.2B	32.2B	40.6B	1 020	575	592	441	488	276	74.0B	60.0B	26
27	44.4B	36.9B	32.8B	43.0B	1 160	556	568	416	469	275	73.0B	58.2B	27
28	44.3B	36.5B	33.0B	48.0B	1 330	561	568	399	460	227	70.4B	58.1B	28
29	44.2B		33.3B	56.0B	1 430	593	574	390	453	197	69.5B	58.0B	29
30	44.8B		33.3B	75.0B	1 460	643	558	383	436	186	69.0B	58.0B	30
31	46.0B		33.4B		1 440		550	371		179		58.0B	31
TOTAL	1 682.0	1 142.2	1 046.0	1 099.4	26 640	23 341	21 580	16 652	14 182	8 909	2 636.1	2 067.8	TOTAL
MEAN	54.3	40.8	33.7	36.6	859	778	696	537	473	287	87.9	66.7	MEAN
MAX	62.8	47.0	36.5	75.0	1 460	1 390	938	721	607	451	152	73.0	MAX
MIN	44.2	36.5	32.0	32.0	106	441	550	371	259	179	69.0	58.0	MIN

SUMMARY FOR THE YEAR 1981

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 331
MAXIMUM DAILY, 1 460 ON MAY 30
MINIMUM DAILY, 32.0B ON MAR 24
MAXIMUM INSTANTANEOUS,
1 470 AT 21:00 YST ON MAY 30

TYPE OF GAUGE - RECORDING
LOCATION - LAT 63 29 17 N
LONG 135 08 06 W
DRAINAGE AREA, 30 600 km²

B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	145 000	JUL	1 860 000
FEB	98 707	AUG	1 440 000
MAR	90 400	SEP	1 230 000
APR	95 000	OCT	770 000
MAY	2 300 000	NOV	228 000
JUN	2 020 000	DEC	179 000

TOTAL DISCHARGE, 10 500 000 dam³

STEWART RIVER AT THE MOUTH - STATION NO. 09DD003

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1981

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	101 B	83.0B	71.8B	65.1B	230B	1 530	678	653	468	604	286	102 B	1
2	101 B	84.0B	70.0B	65.2B	270B	1 510	734	635	454	582	271	104 B	2
3	99.0B	83.8B	69.0B	65.1B	350B	1 500	777	677	434	553	272	107 B	3
4	98.5B	82.5B	68.0B	64.0B	350B	1 490	872	730	414	520	255	109 B	4
5	98.2B	81.0B	68.0B	63.0B	330B	1 410	936	703	397	485	248	110 B	5
6	99.0B	80.5B	68.0B	62.6B	300B	1 320	1 040	673	381	457	218	110 B	6
7	98.5B	80.0B	68.3B	62.2B	300B	1 200	1 120	700	366	435	205	107 B	7
8	98.0B	79.0B	69.0B	62.0B	440B	1 130	1 120	770	363	409	176	105 B	8
9	98.2B	77.8B	70.0B	62.8B	1 300B	1 160	1 090	809	362	382	153	104 B	9
10	99.5B	76.7B	70.2B	64.0B	720B	1 110	1 060	810	369	363	146	103 B	10
11	99.8B	76.2B	70.1B	64.0B	1 030	1 060	1 020	773	414	361	137B	103 B	11
12	99.8B	75.8B	70.0B	64.0B	1 030	1 060	997	731	604	365	131B	104 B	12
13	99.0B	74.5B	70.0B	64.0B	1 190	1 020	969	706	712	365	128B	107 B	13
14	101 B	72.5B	70.0B	63.6B	1 180	980	927	705	723	357	125B	110 B	14
15	101 B	73.0B	70.0B	63.2B	1 220	936	897	686	759	356	120B	112 B	15
16	97.8B	74.0B	70.0B	63.1B	1 180	886	880	662	796	362	115B	115 B	16
17	96.0B	74.2B	68.0B	63.0B	1 060	850	833	631	813	379	112B	117 B	17
18	94.5B	74.2B	66.5B	63.0B	993	815	772	609	795	417	110B	118 B	18
19	91.0B	74.2B	66.2B	63.2B	1 010	768	745	599	780	519	109B	118 B	19
20	90.0B	75.0B	65.9B	63.4B	1 040	713	762	593	798	560	110B	117 B	20
21	88.0B	76.0B	65.6B	63.7B	1 120	655	746	594	847	524	110B	115 B	21
22	86.0B	76.1B	64.3B	64.0B	1 230	600	753	586	870	459	110B	113 B	22
23	85.0B	76.0B	64.0B	67.8B	1 310	556	759	569	867	425	110B	110 B	23
24	84.4B	74.5B	63.5B	70.0B	1 310	527	751	576	836	388	111B	105 B	24
25	84.0B	74.0B	63.0B	80.0B	1 280	524	770	591	789	355	110B	98.0B	25
26	83.0B	73.9B	63.0B	99.0B	1 260	564	794	593	745	349	110B	96.0B	26
27	81.6B	73.5B	63.5B	118 B	1 220	622	754	567	703	343	108B	94.0B	27
28	81.0B	73.0B	64.0B	138 B	1 220	649	708	537	666	372	106B	94.0B	28
29	80.8B		64.3B	167 B	1 340	637	680	511	640	372	104B	94.0B	29
30	81.0B		64.5B	199 B	1 470	644	668	486	621	327	103B	94.0B	30
31	81.5B		64.8B		1 520		667	472		291		94.3B	31
TOTAL	2 877.1	2 148.9	2 083.5	2 337.0	29 803	28 426	26 279	19 937	18 787	13 036	4 509	3 289.3	TOTAL
MEAN	92.8	76.7	67.2	77.9	961	948	848	643	626	421	150	106	MEAN
MAX	101	84.0	71.8	199	1 520	1 530	1 120	810	870	604	286	118	MAX
MIN	80.8	72.5	63.0	62.0	230	524	667	472	362	291	103	94.0	MIN

SUMMARY FOR THE YEAR 1981

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 421
MAXIMUM DAILY, 1 530 ON JUN 1
MINIMUM DAILY, 62.0B ON APR 8
MAXIMUM INSTANTANEOUS,
1 530 AT 23:30 YST ON MAY 31

TYPE OF GAUGE - RECORDING
LOCATION - LAT 63 16 55 N
LONG 139 14 56 W
DRAINAGE AREA, 51 000 km²

B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	249 000	JUL	2 270 000
FEB	186 000	AUG	1 720 000
MAR	180 000	SEP	1 620 000
APR	202 000	OCT	1 130 000
MAY	2 570 000	NOV	390 000
JUN	2 460 000	DEC	284 000

TOTAL DISCHARGE, 13 300 000 dam³

STEWART RIVER NEAR MAYO - STATION NO. 09DC006

DAILY WATER LEVEL IN METRES FOR 1981

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	---	---	---	6.475	4.999	4.760	4.200E	4.390	3.545	3.583	1
2	---	---	---	---	---	6.421	4.971	4.878	4.120E	4.322	3.441	3.616	2
3	---	---	---	---	---	6.345	4.972	4.868	4.090E	4.248	3.397	3.685	3
4	---	---	---	---	---	6.192	5.178	4.770	4.080E	4.186	3.300	3.696	4
5	---	---	---	---	3.685	6.056	5.481	4.766	4.060E	4.133	3.320	3.744	5
6	---	---	---	---	3.737	5.845	5.629	4.936	4.050E	4.078	3.294	3.595	6
7	---	---	---	---	3.830	5.823	5.637	5.100	4.060E	4.021	3.194	3.673	7
8	---	---	---	---	3.962	5.861	5.583	5.159	4.100E	3.973	3.066	3.689	8
9	---	---	---	---	4.279	5.718	5.534	5.105	4.150E	3.920	3.103	3.690	9
10	---	---	---	---	4.846	5.673	5.491	4.983	4.600E	3.866	3.181	---	10
11	---	---	---	---	5.215	5.635	5.467	4.882	4.810	3.811	3.256	---	11
12	---	---	---	---	5.868	5.548	5.384	4.860	4.831	3.762	3.280	---	12
13	---	---	---	---	5.864	5.459	5.303	4.817	4.867	3.738	3.335	---	13
14	---	---	---	---	5.936	5.363	5.284	4.760	4.980	3.712	3.419	---	14
15	---	---	---	---	5.755	5.285	5.238	4.673	5.043	3.703	3.460	---	15
16	---	---	---	---	5.471	5.224	5.113	4.598	5.000	3.776	3.433	---	16
17	---	---	---	---	5.325	5.148	4.965	4.561	4.934	4.051	3.320	---	17
18	---	---	---	---	5.347	5.032	4.892	4.547	4.889	4.375	3.183	---	18
19	---	---	---	---	5.496	4.905	4.883	4.548	4.837	4.406	3.245	---	19
20	---	---	---	---	5.730	4.769	4.914	4.565	4.839	4.314	3.228	---	20
21	---	---	---	---	5.933	4.641	4.960	4.521	4.899	4.187	3.275	---	21
22	---	---	---	---	6.054	4.529	4.967	4.514	4.923	3.986	3.329	---	22
23	---	---	---	---	6.004	4.452	4.967	4.572	4.870	3.759	3.336	---	23
24	---	---	---	---	5.969	4.514	5.065	4.605	4.782	3.695	3.353	---	24
25	---	---	---	---	5.888	4.670	5.044	4.564	4.700	3.755	3.348	---	25
26	---	---	---	---	5.773	4.804	4.929	4.477	4.623	3.897	3.444	---	26
27	---	---	---	---	5.913	4.811	4.833	4.388	4.566	3.956	3.401	---	27
28	---	---	---	---	6.245	4.769	4.794	4.320	4.517	3.841	3.451	---	28
29	---		---	---	6.489	4.810	4.802	4.276	4.493	3.726	3.508	---	29
30	---		---	---	6.556	4.917	4.800	4.255	4.454	3.645	3.570	---	30
31	---		---		6.551		4.745	4.229		3.604		---	31
MEAN	---	---	---	---	---	5.323	5.123	4.673	4.579	3.962	3.334	---	MEAN
MAX	---	---	---	---	---	6.475	5.637	5.159	5.043	4.406	3.570	---	MAX
MIN	---	---	---	---	---	4.452	4.745	4.229	4.050	3.604	3.066	---	MIN

SUMMARY FOR THE YEAR 1981

WATER LEVELS IN METRES

MAXIMUM DAILY, 6.556 ON MAY 30
MINIMUM DAILY, 3.066 ON NOV 8
MAXIMUM INSTANTANEOUS,
6.570 AT 13:00 YST ON MAY 30

TYPE OF GAUGE - RECORDING
LOCATION - LAT 63 35 26 N
LONG 135 53 48 W

E - ESTIMATED

NATURAL FLOW

WATER LEVELS ARE REFERRED TO ASSUMED DATUM
APPLY 479.472 m ADJUSTMENT TO CONVERT TO GEODETIC SURVEY OF CANADA DATUM

TAKHINI RIVER AT OUTLET OF KUSAWA LAKE - STATION NO. 09AC004

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1981

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	16.2B	12.9B	11.8B	11.7	11.4E	62.0	156	188	126	94.6	58.1	33.6	1
2	16.1B	12.8B	11.7B	11.6	11.5E	66.7	156	183	126	91.0	55.6	33.0	2
3	16.0B	12.8B	11.7B	11.6	11.5E	70.8	157	177	124	87.5	55.3	31.8	3
4	15.8B	12.8B	11.7B	11.5	11.6E	73.7	156	173	122	85.4	54.7	30.5	4
5	15.7B	12.7B	11.6B	11.4	11.6E	75.4	154	174	118	81.2	54.0	29.7	5
6	15.4B	12.7B	11.6B	11.3	11.6E	77.3	153	175	115	78.8	52.4	30.1	6
7	15.3B	12.6B	11.5B	11.3	11.7E	80.2	151	177	116	76.0	50.4	29.1	7
8	15.2B	12.4B	11.5B	11.1	11.7E	82.2	149	178	121	75.2	48.8	28.6	8
9	15.0B	12.3B	11.5B	10.9	11.8E	83.8	148	180	129	73.8	48.3	28.0	9
10	14.7B	12.2B	11.4B	10.6	12.0E	84.1	146	178	134	71.3	48.1	27.4	10
11	14.5B	12.2B	11.4B	10.5	12.4E	84.7	146	179	139	70.0	48.0	26.6	11
12	14.3B	12.2B	11.4B	10.6	12.7E	85.8	145	177	141	68.3	47.5	26.2	12
13	14.1B	12.2B	11.5B	10.7	13.1E	88.3	146	174	140	67.8	45.6	25.7	13
14	13.9B	12.2B	11.5B	10.7	14.1A	91.8	150	170	136	66.3	44.2	25.1	14
15	13.8B	12.2B	11.5B	10.7	14.5	96.0	152	167	138	67.5	42.8	24.7	15
16	13.7B	12.2B	11.5B	10.7	15.4	101	158	161	136	68.2	42.6	24.5	16
17	13.8B	12.2B	11.5B	10.8	16.7	107	164	151	130	67.2	41.6	24.3	17
18	13.9B	12.2B	11.6B	10.7	17.8	113	174	150	130	69.8	40.1	24.1	18
19	13.8B	12.2B	11.6B	10.9	19.3	119	182	147	131	67.3	39.4	23.9	19
20	13.7B	12.2B	11.7B	10.8	20.8	125	189	142	128	66.7	40.0	23.8	20
21	13.7B	12.2B	11.7B	10.8E	22.7	131	193	140	125	66.9	38.7	23.8	21
22	13.6B	12.2B	11.9	11.0E	24.4	135	195	139	122	67.1	37.9	23.3	22
23	13.5B	12.3B	11.8	11.1E	25.9	140	198	135	121	66.0	37.9	22.7	23
24	13.4B	12.3B	12.0	11.2E	27.6	148	199	132	119	64.8	38.4	22.2	24
25	13.3B	12.2B	11.9	11.2E	29.7	151	201	130	116	63.4	36.9	22.0	25
26	13.2B	12.1B	12.0	11.2E	32.5	156	198	129	110	63.0	36.6	21.4	26
27	13.1B	12.0B	12.0	11.2E	36.3	159	198	127	106	61.9	36.7	21.0	27
28	13.0B	11.9B	11.7	11.2E	40.6	159	198	125	101	60.9	35.1	20.7	28
29	13.0B		11.8	11.3E	45.0	160	196	125	98.2	60.7	33.6	20.3	29
30	12.9B		11.7	11.4E	50.9	161	194	127	96.5	59.3	33.1	20.0	30
31	12.8B		11.7		57.0		191	127		59.1		19.6	31
TOTAL	440.4	345.4	361.4	331.7	665.8	3 267.8	5 293	4 837	3 694.7	2 187.0	1 322.4	787.7	TOTAL
MEAN	14.2	12.3	11.7	11.1	21.5	109	171	156	123	70.5	44.1	25.4	MEAN
MAX	16.2	12.9	12.0	11.7	57.0	161	201	188	141	94.6	58.1	33.6	MAX
MIN	12.8	11.9	11.4	10.5	11.4	62.0	145	125	96.5	59.1	33.1	19.6	MIN

SUMMARY FOR THE YEAR 1981

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 64.5
MAXIMUM DAILY, 201 ON JUL 25
MINIMUM DAILY, 10.5 ON APR 11
MAXIMUM INSTANTANEOUS,
202 AT 18:12 YST ON JUL 25

TYPE OF GAUGE - RECORDING
LOCATION - LAT 60 36 46 N
LONG 136 07 26 W
DRAINAGE AREA, 4 070 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	38 100	JUL	457 000
FEB	29 800	AUG	418 000
MAR	31 200	SEP	319 000
APR	28 700	OCT	189 000
MAY	57 500	NOV	114 000
JUN	282 000	DEC	68 100

TOTAL DISCHARGE, 2 030 000 dam³

TAKHINI RIVER NEAR WHITEHORSE - STATION NO. 09AC001

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1981

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	16.5B	13.4B	12.4B	11.3B	13.3B	89.5E	170	194E	132	109	65.1	33.2B	1
2	16.5B	13.4B	12.4B	11.2B	14.2B	96.0E	167	190E	132	104	63.3	32.8B	2
3	16.4B	13.3B	12.3B	11.2B	15.8B	101 E	165A	188E	131	101	60.8	32.2B	3
4	16.4B	13.3B	12.2B	11.2B	17.4B	104 E	163E	183E	128	97.7	60.4	31.5B	4
5	16.3B	13.3B	12.1B	11.1B	19.0B	108 E	161E	180E	125	94.6	60.6	30.3B	5
6	16.2B	13.3B	12.1B	11.0B	21.0B	111 E	160E	180E	123	90.5	60.0B	29.0B	6
7	16.0B	13.2B	12.0B	10.9B	22.1	113 E	160E	181E	123	89.0	59.8B	27.0B	7
8	15.8B	13.1B	12.0B	10.8B	24.0	114 E	159E	181E	126	86.9	59.0B	26.1B	8
9	15.6B	13.0B	11.9B	10.7B	25.1	115 E	159E	183E	134	85.9	57.3B	25.9B	9
10	15.4B	13.0B	11.9B	10.6B	26.0	115 E	159E	184E	141	83.8	56.0B	25.9B	10
11	15.3B	12.9B	11.9B	10.7B	27.4	115 E	158E	185E	146	80.5	55.2B	26.0B	11
12	15.1B	12.9B	11.9B	10.7B	29.1	115 E	158E	184E	152	79.7	55.0B	25.9B	12
13	14.9B	12.8B	11.9B	10.8B	30.3	116 E	158E	182E	153	78.4	53.5B	25.5B	13
14	14.7B	12.8B	11.9B	10.8B	29.4	119 E	158E	177E	151	78.9	51.0B	25.3B	14
15	14.6B	12.7B	11.9B	10.8B	29.0	122 E	160E	174E	152	80.3	49.0B	25.4B	15
16	14.5B	12.7B	11.9B	10.8B	31.3	126 E	164E	169E	149	83.2	48.0B	25.4B	16
17	14.5B	12.7B	11.9B	10.8B	33.8	131 E	167E	160E	146	82.2	46.0B	25.8B	17
18	14.6B	12.7B	11.9B	10.8B	35.5	135 E	173E	153E	142	83.0	43.0B	26.0B	18
19	14.6B	12.7B	11.9B	10.8B	36.9	139 E	182E	150E	143	82.0	41.0B	26.0B	19
20	14.5B	12.7B	12.0B	10.8B	37.3	144 E	191E	147E	143	77.5	40.5B	25.8B	20
21	14.4B	12.7B	12.0B	10.8B	37.6	149 E	196E	143E	139	77.7	40.6B	24.5B	21
22	14.3B	12.8B	12.0B	10.9B	38.6A	155 E	197E	141E	135	79.1	40.2B	23.5B	22
23	14.2B	12.8B	11.9B	11.0B	44.0E	161 E	198E	139E	133	77.7	38.5B	23.1B	23
24	14.1B	12.8B	11.8B	11.1B	46.0E	164 E	199E	138A	131	76.4	37.5B	23.0B	24
25	13.9B	12.7B	11.7B	11.3B	49.0E	170 A	200E	135	129	75.8	37.2B	23.0B	25
26	13.8B	12.7B	11.6B	11.4B	53.0E	170	201E	133	124	74.4	38.3B	22.1B	26
27	13.7B	12.6B	11.5B	11.6B	57.5E	173	202A	132	119	73.4	39.0B	20.5B	27
28	13.6B	12.5B	11.4B	11.9B	62.0E	174	201E	130	114	71.7	37.3B	19.0B	28
29	13.5B		11.4B	12.2B	69.0E	172	200E	129	111	69.7	34.5B	17.9B	29
30	13.5B		11.3B	12.6B	76.0E	172	199E	130	109	67.3	33.5B	16.7B	30
31	13.5B		11.3B		83.5E		197E	133		66.2		16.3B	31
TOTAL	460.9	361.5	368.3	332.6	1 134.1	3 988.5	5 482	5 008	4 016	2 557.5	1 461.1	780.6	TOTAL
MEAN	14.9	12.9	11.9	11.1	36.6	133	177	162	134	82.5	48.7	25.2	MEAN
MAX	16.5	13.4	12.4	12.6	83.5	174	202	194	153	109	65.1	33.2	MAX
MIN	13.5	12.5	11.3	10.6	13.3	89.5	158	129	109	66.2	33.5	16.3	MIN

SUMMARY FOR THE YEAR 1981

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 71.1
MAXIMUM DAILY, 202A ON JUL 27
MINIMUM DAILY, 10.6B ON APR 10
MAXIMUM INSTANTANEOUS,
202 AT 06:50 YST ON JUL 27

TYPE OF GAUGE - RECORDING
LOCATION - LAT 60 51 08 N
LONG 135 44 21 W
DRAINAGE AREA, 6 990 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
REGULATED SINCE 1948

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	39 800	JUL	474 000
FEB	31 200	AUG	433 000
MAR	31 800	SEP	347 000
APR	28 700	OCT	221 000
MAY	98 000	NOV	126 000
JUN	345 000	DEC	67 400

TOTAL DISCHARGE, 2 240 000 dam³

TESLIN LAKE AT TESLIN - STATION NO. 09AE002

DAILY WATER LEVEL IN METRES FOR 1981

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	3.829	3.573	3.403E	3.180	3.126	6.959	6.504	5.240	4.398	5.001	4.792	4.170	1
2	3.814	3.565	3.391E	3.180	3.138	7.056	6.471	5.200	4.399	4.984	4.780	4.155	2
3	3.794	3.562	3.379E	3.185	3.157	7.108	6.461	5.157	4.397	4.978	4.735	4.125	3
4	3.783	3.558	3.367E	3.193	3.180	7.112	6.449	5.118	4.401	4.956	4.705	4.095	4
5	3.777	3.550	3.355E	3.195	3.222	7.118	6.431	5.091	4.400	4.950	4.695	4.075	5
6	3.760	3.553	3.343E	3.198	3.258	7.123	6.420	5.066	4.416	4.937	4.675	4.060	6
7	3.754	3.544	3.331E	3.205	3.311	7.120	6.390	5.045	4.417	4.928	4.640	4.040	7
8	3.749	3.543	3.319E	3.208	3.379	7.121	6.358	5.034	4.429	4.913	4.620	4.020	8
9	3.732	3.540	3.307E	3.205	3.470	7.117	6.330	5.012	4.478	4.900	4.600	4.005	9
10	3.715	3.537	3.293E	3.201	3.583	7.089	6.301	4.989	4.516	4.882	4.590	3.995	10
11	3.715	3.538	3.288E	3.196	3.721	7.036	6.263	4.964	4.572	4.852	4.575	3.985	11
12	3.704	3.527	3.284	3.196	3.891	6.972	6.223	4.920	4.619	4.843	4.560	3.970	12
13	3.697	3.518	3.273	3.186	4.083	6.916	6.175	4.884	4.658	4.830	4.540	3.965	13
14	3.683	3.524	3.262	3.181	4.248	6.863	6.133	4.852	4.709	4.798	4.520	3.955	14
15	3.662	3.515	3.253	3.190	4.397	6.825	6.085	4.824	4.775	4.780	4.500	3.940	15
16	3.648	3.511	3.253	3.197	4.539	6.813	6.024	4.789	4.812	4.765	4.475	3.925	16
17	3.650E	3.508	3.250	3.197	4.683	6.813	5.981	4.758	4.855	4.780	4.445	3.915	17
18	3.655E	3.510	3.236	3.196	4.840	6.818	5.922	4.728	4.886	4.795	4.420	3.915	18
19	3.660E	3.509	3.227	3.194	5.000	6.818	5.866	4.697	4.931	4.795	4.395	3.915	19
20	3.665E	3.510	3.226	3.198	5.152	6.816	5.815	4.673	4.962	4.800	4.365	3.910	20
21	3.670E	3.500	3.217	3.197	5.293	6.810	5.773	4.645	4.980	4.798	4.340	3.905	21
22	3.672	3.486	3.208	3.194	5.462	6.797	5.728	4.620	5.004	4.795	4.325	3.875	22
23	3.661	3.480	3.211	3.196	5.605	6.779	5.680	4.595	5.016	4.795	4.300	3.860	23
24	3.651	3.475	3.202	3.194	5.732	6.764	5.625	4.559	5.022	4.798	4.285	3.840	24
25	3.637	3.463E	3.197	3.196	5.852	6.752	5.577	4.542	5.007	4.805	4.260	3.835	25
26	3.615	3.451E	3.200	3.179	5.986	6.720	5.526	4.528	5.006	4.820	4.240	3.835	26
27	3.610	3.439E	3.191	3.138	6.140	6.690	5.467	4.486	5.007	4.825	4.235	3.815	27
28	3.610	3.427E	3.187	3.144	6.315	6.653	5.425	4.443	5.022	4.825	4.205	3.810E	28
29	3.587		3.192	3.151	6.492	6.602	5.373	4.406	5.017	4.820	4.195	3.805E	29
30	3.580		3.183	3.140	6.656	6.560	5.329	4.392	5.001	4.815	4.185	3.800E	30
31	3.571		3.177		6.816		5.288	4.397		4.805		3.795E	31
MEAN	3.687	3.515	3.265	3.187	4.636	6.891	5.980	4.795	4.737	4.851	4.473	3.945	MEAN
MAX	3.829	3.573	3.403	3.208	6.816	7.123	6.504	5.240	5.022	5.001	4.792	4.170	MAX
MIN	3.571	3.427	3.177	3.138	3.126	6.560	5.288	4.392	4.397	4.765	4.185	3.795	MIN

SUMMARY FOR THE YEAR 1981

WATER LEVELS IN METRES

MEAN, 4.501
MAXIMUM DAILY, 7.123 ON JUN 6
MINIMUM DAILY, 3.126 ON MAY 1
MAXIMUM INSTANTANEOUS,
7.129 AT 16:30 YST ON JUN 6

TYPE OF GAUGE - RECORDING
LOCATION - LAT 60 09 52 N
LONG 132 42 12 W

E - ESTIMATED

NATURAL FLOW

WATER LEVELS ARE REFERRED TO ASSUMED DATUM
APPLY 677.055 m ADJUSTMENT TO CONVERT TO GEODETIC SURVEY OF CANADA DATUM (LOCAL 1945 ADJ.)

TESLIN RIVER NEAR TESLIN - STATION NO. 09AE001

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1981

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	156B	121B	110 B	84.5B	79.5E	944	850	462	278	397	356	235	1
2	154B	120B	109 B	85.0B	80.0E	976	842	451	278	392	348	228	2
3	152B	119B	108 B	86.5B	82.0E	1 000	829	442	279	390	345	228	3
4	151B	119B	108 B	87.5B	87.0E	1 020	824	431	279	397	345	222	4
5	150B	120B	107 B	88.0B	91.0E	1 030	820	427	281	393	335	221	5
6	148B	119B	105 B	89.0B	93.0E	1 030	813	422	282	389	327	212	6
7	146B	118B	104 B	89.5B	99.0E	1 020E	806	415	285	383	323	207	7
8	144B	117B	103 B	89.0B	115 E	1 010E	795	411	284	380	324	208	8
9	142B	116B	101 B	88.0B	128 E	1 010E	789	407	293	376	316	203	9
10	138B	115B	99.0B	87.0B	142 E	1 010E	777	396	305	370	312	199	10
11	134B	116B	99.0B	86.5B	160 A	1 000E	764	386	316	366	306	202	11
12	132B	116B	97.0B	86.0B	188	1 000E	747	381	325	364	304	202	12
13	130B	116B	96.0B	85.5B	216	998E	732	373	334	360	300	197	13
14	131B	115B	95.0B	85.0B	244	995E	720	367	347	357	295	192	14
15	132B	115B	94.0B	84.0B	271	990E	705	361	360	353	291	193	15
16	132B	115B	93.0B	83.5B	296	990E	690	353	365	353	287	193	16
17	133B	115B	92.0B	83.0B	321	988E	674	342	373	356	282	194	17
18	134B	114B	91.0B	83.0A	366	984E	659	335	387	358	275	192	18
19	134B	114B	90.5B	83.5E	391	980E	640	329	395	354	272	185	19
20	134B	115B	90.0B	84.0E	407	970E	624	325	398	355	269	186	20
21	133B	116B	90.0B	85.0E	434	960E	607	319	403	358	259	182	21
22	132B	117B	90.0B	84.0E	474	950E	593	310	405	358	260	179	22
23	133B	116B	90.0B	83.5E	514	940E	580	298	409	356	259	179	23
24	133B	115B	89.0B	83.0E	551	932E	565	300	411	354	258	178	24
25	132B	114B	88.0B	82.0E	593	924A	554	288	410	352	246	176	25
26	131B	113B	87.0B	81.0E	638	911	534	284	412	361	246	172	26
27	130B	112B	85.5B	80.5E	691	901	519	278	406	362	248	169	27
28	128B	111B	85.0B	80.0E	742	888	507	282	404	363	237	166B	28
29	126B		84.5B	79.5E	798	874	494	278	410	366	234	163B	29
30	124B		84.0B	79.0E	848	864	483	278	408	361	236	160B	30
31	122B		84.0B		901		472	276		359		158B	31
TOTAL	4 231	3 249	2 948.5	2 535.5	11 040.5	29 089	21 008	11 007	10 518	11 393	8 695	5 981	TOTAL
MEAN	136	116	95.1	84.5	356	970	678	355	351	368	290	193	MEAN
MAX	156	121	110	89.5	901	1 030	850	462	412	397	356	235	MAX
MIN	122	111	84.0	79.0	79.5	864	472	276	274	352	234	158	MIN

SUMMARY FOR THE YEAR 1981

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 333
MAXIMUM DAILY, 1 030 ON JUN 5
MINIMUM DAILY, 79.0E ON APR 30
MAXIMUM INSTANTANEOUS,
1 050 AT 17:26 YST ON JUN 6

TYPE OF GAUGE - RECORDING
LOCATION - LAT 60 29 04 N
LONG 133 18 07 W
DRAINAGE AREA, 30 300 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	366 000	JUL	1 820 000
FEB	281 000	AUG	951 000
MAR	255 000	SEP	909 000
APR	219 000	OCT	984 000
MAY	954 000	NOV	751 000
JUN	2 510 000	DEC	517 000

TOTAL DISCHARGE, 10 500 000 dam³

TOM CREEK AT KILOMETRE 34.9 ROBERT CAMPBELL HIGHWAY - STATION NO. 10AA002

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1981

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	1.03 B	0.785B	0.745B	0.715B	2.20B	11.8	5.03	1.96	2.66	2.70E	1.80 B	0.500B	1
2	1.04 B	0.784B	0.743B	0.706B	2.62B	10.2	5.26	1.88	2.43	2.60E	1.65 B	0.455B	2
3	1.01 B	0.770B	0.741B	0.697B	3.10B	9.34	5.15	1.84	2.16A	2.45E	1.50 B	0.435B	3
4	0.990B	0.763B	0.740B	0.680B	3.60B	8.65	4.80	1.95	2.20E	2.42E	1.48 B	0.435B	4
5	0.980B	0.760B	0.720B	0.670B	4.15B	8.03	4.54	1.98	2.28E	2.35E	1.53 B	0.428B	5
6	0.998B	0.767B	0.726B	0.665B	5.00B	7.60	4.37	1.90	2.36E	2.30E	1.42 B	0.400B	6
7	1.00 B	0.769B	0.760B	0.650B	5.85B	7.47	4.68	1.79	2.50E	2.30E	1.26 B	0.370B	7
8	0.955B	0.750B	0.780B	0.635B	6.90B	6.88	4.86	1.70	2.70E	2.32E	1.20 B	0.330B	8
9	0.928B	0.735B	0.770B	0.630B	8.05B	6.39	4.50	1.61	3.25E	2.29E	1.15 B	0.325B	9
10	0.902B	0.740B	0.740B	0.633B	9.50B	6.09	4.17	1.53	3.65E	2.23E	1.17 B	0.320B	10
11	0.903B	0.735B	0.735B	0.636B	11.2 B	6.39	3.87	1.48	3.20E	2.18E	1.20 B	0.318B	11
12	0.905B	0.725B	0.740B	0.640B	13.6 B	6.41	3.61	1.47	3.55E	2.12E	1.12 B	0.320B	12
13	0.906B	0.720B	0.750B	0.638B	15.7	6.31	3.46	1.42	3.40E	2.17E	0.980B	0.325B	13
14	0.912B	0.725B	0.753B	0.638B	14.3	6.47	3.28	1.38	3.50E	2.26E	0.890B	0.320B	14
15	0.921B	0.740B	0.760B	0.636B	12.9	8.23	3.15	1.33	3.75E	2.37A	0.860B	0.324B	15
16	0.917B	0.770B	0.760B	0.640B	13.8	8.19	3.00	1.31	3.60E	2.66	0.855B	0.326B	16
17	0.902B	0.794B	0.738B	0.645B	15.0	7.78	2.86	1.31	3.80E	2.75	0.860B	0.329B	17
18	0.900B	0.799B	0.702B	0.653B	14.8	7.62	2.76	1.26	4.00E	2.93	0.800B	0.322B	18
19	0.900B	0.790B	0.690B	0.660B	14.3	7.78	2.63	1.24	3.85E	2.93	0.750B	0.320B	19
20	0.900B	0.770B	0.670B	0.675B	14.5	8.63	2.49	1.23	3.65E	2.72	0.690B	0.323B	20
21	0.910B	0.782B	0.663B	0.700B	14.3	8.43	2.42	1.23	3.55E	2.40B	0.660B	0.325B	21
22	0.918B	0.750B	0.660B	0.730B	15.0	7.69	2.39	1.25	3.45E	2.15B	0.650B	0.320B	22
23	0.905B	0.742B	0.670B	0.775B	14.6	7.14	2.38	1.28	3.25E	2.03B	0.630B	0.312B	23
24	0.890B	0.745B	0.705B	0.830B	13.6	6.62	2.26	1.23	3.22E	2.10B	0.625B	0.308B	24
25	0.878B	0.753B	0.735B	0.900B	13.1	6.20	2.21	1.20	3.15E	2.15B	0.630B	0.311B	25
26	0.875B	0.742B	0.742B	0.995B	12.6	5.98	2.18	1.20	3.10E	2.00B	0.640B	0.308B	26
27	0.856B	0.730B	0.736B	1.15 B	12.0	6.16	2.11	1.19A	3.03E	1.84B	0.637B	0.275B	27
28	0.821B	0.720B	0.740B	1.38 B	11.1	5.83	2.06	1.74	2.85E	1.74B	0.615B	0.222B	28
29	0.785B		0.740B	1.60 B	10.1	5.50	2.02	2.23	2.70E	1.69B	0.570B	0.205B	29
30	0.780B		0.718B	1.92 B	9.51	5.30	1.97	2.00	2.90E	1.78B	0.520B	0.200B	30
31	0.780B		0.700B		12.1		2.03	2.05		1.85B		0.195B	31
TOTAL	28.297	21.155	22.572	24.122	329.08	221.11	102.50	48.17	93.69	70.78	29.342	10.206	TOTAL
MEAN	0.913	0.756	0.728	0.804	10.6	7.37	3.31	1.55	3.12	2.28	0.978	0.329	MEAN
MAX	1.04	0.799	0.780	1.92	15.7	11.8	5.26	2.23	4.00	2.93	1.80	0.500	MAX
MIN	0.780	0.720	0.660	0.630	2.20	5.30	1.97	1.19	2.16	1.69	0.520	0.195	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 2.74
MAXIMUM DAILY, 15.7 ON MAY 13
MINIMUM DAILY, 0.195B ON DEC 31
MAXIMUM INSTANTANEOUS,
16.9 AT 00:45 YST ON MAY 13

SUMMARY FOR THE YEAR 1981

TYPE OF GAUGE - RECORDING
LOCATION - LAT 60 17 26 N
LONG 129 01 14 W
DRAINAGE AREA, 435 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	2 440	JUL	8 860
FEB	1 830	AUG	4 160
MAR	1 950	SEP	8 090
APR	2 080	OCT	6 120
MAY	28 400	NOV	2 540
JUN	19 100	DEC	882

TOTAL DISCHARGE, 86 500 dam³

WAREHAM LAKE AT HEADGATE - STATION NO. 09DC004

DAILY WATER LEVEL IN METRES FOR 1981

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	578.044	578.299	578.206	578.258	578.823	579.350	579.272	578.671	578.942	578.916	578.430	576.979	1
2	578.051	578.290	578.201	578.256	578.904	579.297	579.345	578.608	578.879	578.926	578.366	576.991	2
3	578.051	578.285	578.187	578.262	579.006	579.264	579.402	578.576	578.811	578.923	578.317	576.965	3
4	578.052	578.282	578.187	578.262	579.176E	579.216	579.277	578.550E	578.743	578.932	578.271	576.955	4
5	578.049	578.283	578.180	578.263	579.330E	579.146	579.122	578.535E	578.720	578.935	578.235	576.975	5
6	578.046	578.291	578.174	578.261	579.380E	579.091	578.984	578.530E	578.708	578.907	578.162	577.038	6
7	578.052	578.293	578.172	578.254	579.420E	579.035	579.067	578.520E	578.698	578.889	578.058	577.066	7
8	578.058	578.283	578.172	578.246	579.455E	578.966	579.164	578.510E	578.692	578.870	577.942	577.061	8
9	578.059	578.264	578.167	578.267	579.482E	578.925	579.233	578.510E	578.654	578.853	577.89e	577.051	9
10	578.068	578.262	578.162	578.326	579.522E	578.885	579.275	578.500E	578.605	578.844	577.878	577.034	10
11	578.074	578.262	578.157	578.380	579.515E	578.850	579.324	578.495E	578.562	578.835	577.871	576.993	11
12	578.085	578.263	578.163	578.450	579.430E	578.824	579.351	578.490E	578.508	578.826	577.850	576.942	12
13	578.086	578.248	578.165	578.472	579.345E	578.777	579.358	578.480E	578.454	578.820	577.804	576.881	13
14	578.108	578.253	578.166	578.458	579.325E	578.740	579.374	578.480E	578.401	578.803	577.754	576.865	14
15	578.141	578.257	578.172	578.440	579.298E	578.686	579.266	578.490E	578.358	578.798	577.690	576.896	15
16	578.188	578.245	578.178	578.432	579.271E	578.578	579.194	578.620E	578.325	578.810	577.619	576.948	16
17	578.234	578.232	578.175	578.475	579.244E	578.454	579.176	578.780E	578.304	578.827	577.538	577.026	17
18	578.256	578.234	578.174	578.557	579.284E	578.489	579.175	578.950E	578.313	578.854	577.449	577.152	18
19	578.278	578.233	578.168	578.604	579.304E	578.589	579.187	579.130E	578.395	578.853	577.352	577.274	19
20	578.261	578.230	578.156	578.655	579.304E	578.697	579.211	579.287E	578.506	578.817	577.236	577.372	20
21	578.261	578.228	578.151	578.665	579.294E	578.816	579.212	579.304	578.637	578.775	577.119	577.467	21
22	578.279	578.233	578.143	578.663	579.284E	578.938	579.218	579.294	578.738	578.751	577.030	577.548	22
23	578.273	578.230	578.138	578.665	579.319E	579.016	579.186	579.300	578.817	578.752	576.953	577.672	23
24	578.277	578.224	578.128	578.667	579.344E	579.088	579.131	579.293	578.868	578.740	576.884	577.646	24
25	578.276	578.225	578.113	578.674	579.364E	579.158	579.081	579.245	578.891	578.722	576.856	577.688	25
26	578.285	578.221	578.101	578.696	579.414E	579.225	579.125	579.198	578.903	578.680	576.830	577.728	26
27	578.279	578.222	578.114	578.717	579.434E	579.308	579.165	579.152	578.894	578.635	576.836	577.760	27
28	578.271	578.213	578.154	578.730	579.434E	579.375	579.180	579.096	578.888	578.611	576.896	577.793	28
29	578.272		578.209	578.744	579.379E	579.309	579.166	579.067	578.878	578.572	576.929	577.837	29
30	578.274		578.264	578.774	579.374E	579.267	578.951	579.057	578.895	578.521	576.956	577.879	30
31	578.280		578.267		579.379E		578.759	579.010		578.479		577.946	31
MEAN	578.170	578.253	578.170	578.486	579.317	578.979	579.191	578.830	578.666	578.790	577.567	577.270	MEAN
MAX	578.285	578.299	578.267	578.774	579.522	579.375	579.402	579.304	578.942	578.935	578.430	577.946	MAX
MIN	578.044	578.213	578.101	578.246	578.823	578.454	578.759	578.480	578.304	578.479	576.830	576.865	MIN

WATER LEVELS IN METRES

MEAN, 578.476
MAXIMUM DAILY, 579.522E ON MAY 10
MINIMUM DAILY, 576.830 ON NOV 26
MAXIMUM INSTANTANEOUS,
579.541E AT 10:00 YST ON MAY 10

WATER LEVELS ARE REFERRED TO ASSUMED DATUM

SUMMARY FOR THE YEAR 1981

TYPE OF GAUGE - RECORDING
LOCATION - LAT 63 39 24 N
LONG 135 55 02 W

E - ESTIMATED

REGULATED SINCE 1952

WHEATON RIVER NEAR CARCROSS - STATION NO. 09AA012

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1981

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	1.98B	1.88B	1.86B	1.91B	3.20B	26.2E	36.5	24.6	15.6	10.7	7.36	5.20B	1
2	1.95B	1.89B	1.87B	1.90B	3.65B	25.2E	36.0	22.7	13.7	9.99	7.26	5.10B	2
3	1.93B	1.88B	1.85B	1.89B	4.10E	23.8E	35.3	21.5	12.4	9.55	7.15B	5.02B	3
4	1.92B	1.87B	1.83B	1.87B	4.65E	22.5E	31.8	21.8	11.5	8.57	7.10B	4.90B	4
5	1.92B	1.86B	1.80B	1.86B	5.20E	21.6A	29.7	27.8	11.1	8.81	6.90B	4.70B	5
6	1.95B	1.85B	1.78B	1.85B	6.00E	21.9E	32.3	28.5	11.1	8.77	6.70B	4.55B	6
7	1.96B	1.85B	1.79B	1.82B	6.80E	22.0E	32.0	27.0	13.1	8.55	6.62B	4.40B	7
8	1.94B	1.86B	1.80B	1.80B	7.60A	22.1E	31.9	24.2	26.1	8.45	6.55B	4.30B	8
9	1.92B	1.87B	1.82B	1.78B	8.20E	22.3A	28.5	25.0	23.6	8.25	6.50B	4.22B	9
10	1.90B	1.88B	1.85B	1.76B	8.80E	21.2	31.3	23.7	19.3	7.82	6.50B	4.18B	10
11	1.92B	1.90B	1.87B	1.75B	9.50E	22.8	38.8	20.5	18.8	7.76	6.45B	4.16B	11
12	1.93B	1.88B	1.89B	1.73B	10.0 E	28.5	44.8	18.4	16.9	7.78	6.40B	4.12B	12
13	1.95B	1.88B	1.90B	1.72B	11.3 E	31.9	41.2	17.4	15.1	8.34	6.30B	4.15B	13
14	1.96B	1.86B	1.89B	1.71B	12.2 E	40.7	41.5	16.8	14.4	10.8	6.20B	4.18B	14
15	1.94B	1.85B	1.88B	1.70B	13.2 E	45.9	42.8	16.1	15.7	11.8	6.10B	4.15B	15
16	1.91B	1.82B	1.87B	1.71B	14.3 E	43.9	44.1	14.8	14.5	11.6	6.00B	4.10B	16
17	1.89B	1.80B	1.86B	1.72B	15.5 E	47.7	49.8	14.2	13.5	11.0	5.95B	4.03B	17
18	1.87B	1.82B	1.85B	1.73B	17.5 E	45.0	54.9	13.6	14.5	10.7	5.90B	4.00B	18
19	1.85B	1.85B	1.84B	1.76B	20.0 E	43.5	51.1	13.3	15.2	10.0	5.78B	3.93B	19
20	1.82B	1.87B	1.82B	1.78B	21.2 E	42.5	42.8	13.2	14.5	9.49	5.65B	3.90B	20
21	1.81B	1.88B	1.81B	1.81B	22.0 E	42.6	37.8	14.5	13.8	9.35	5.58B	3.82B	21
22	1.80B	1.89B	1.80B	1.84B	23.8 E	45.6	37.2	14.9	13.1	9.16	5.50B	3.70B	22
23	1.79B	1.85B	1.81B	1.87B	25.5 E	52.3	35.4	13.4	12.5	9.02	5.45B	3.67B	23
24	1.78B	1.83B	1.82B	1.92B	27.0 E	49.7	34.1	12.4	12.0	9.38	5.40B	3.64B	24
25	1.77B	1.83B	1.83B	2.00B	30.0 E	44.4	33.3	11.8	11.4	9.91	5.35B	3.61B	25
26	1.77B	1.84B	1.84B	2.08B	29.0 E	43.6	34.9	12.2	11.0	9.38	5.32B	3.60B	26
27	1.78B	1.85B	1.85B	2.17B	28.5 E	44.9	32.2	13.1	10.7	8.93	5.32B	3.55B	27
28	1.79B	1.85B	1.87B	2.34B	28.0 E	43.1	29.2	14.7	10.4	8.71	5.30B	3.50B	28
29	1.80B		1.89B	2.58B	27.5 E	39.2	28.2	18.5	10.1	8.43	5.30B	3.40B	29
30	1.83B		1.90B	2.85B	27.5 E	36.4	26.9	19.5	10.4	7.97	5.25B	3.28B	30
31	1.85B		1.91B		27.0 E		26.8	17.0		7.90		3.16B	31
TOTAL	58.18	52.04	57.25	57.21	498.70	1 063.0	1 133.1	567.1	426.0	286.87	183.14	126.22	TOTAL
MEAN	1.88	1.86	1.85	1.91	16.1	35.4	36.6	18.3	14.2	9.25	6.10	4.07	MEAN
MAX	1.98	1.90	1.91	2.85	30.0	52.3	54.9	28.5	26.1	11.8	7.36	5.20	MAX
MIN	1.77	1.80	1.78	1.70	3.20	21.2	26.8	11.8	10.1	7.76	5.25	3.16	MIN

SUMMARY FOR THE YEAR 1981

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 12.4
MAXIMUM DAILY, 54.9 ON JUL 18
MINIMUM DAILY, 1.70B ON APR 15
MAXIMUM INSTANTANEOUS,
56.8 AT 22:54 YST ON JUL 17

TYPE OF GAUGE - RECORDING
LOCATION - LAT 60 08 05 N
LONG 134 53 45 W
DRAINAGE AREA, 875 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	5 030	JUL	97 900
FEB	4 500	AUG	49 000
MAR	4 950	SEP	36 800
APR	4 940	OCT	24 800
MAY	43 100	NOV	15 800
JUN	91 800	DEC	10 900

TOTAL DISCHARGE, 390 000 dam³

WHITE RIVER AT KILOMETRE 1881.6 ALASKA HIGHWAY - STATION NO. 09CB001

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1981

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	13.8B	12.4B	11.5B	10.5B	13.0B	185E	139	423	224	42.2	31.0B	16.3B	1
2	13.8B	12.3B	11.5B	10.6B	13.3B	180E	124	418	257	42.8	30.5B	16.2B	2
3	13.8B	12.1B	11.4B	10.7B	13.8B	170E	148	387	209	42.5	29.0B	15.7B	3
4	13.4B	12.0B	11.3B	10.6B	14.5B	160E	187	304	157	41.6	27.8B	15.0B	4
5	13.1B	11.8B	11.2B	10.6B	15.1B	151E	186	269	132	39.9	27.3B	14.3B	5
6	13.1B	11.8B	11.1B	10.5B	16.0B	137E	163	256	116	37.9	27.1B	14.0B	6
7	13.0B	11.8B	11.1B	10.5B	17.1B	145E	153	256	112	37.5	26.9B	13.7B	7
8	13.0B	11.9B	11.2B	10.5B	18.2B	162E	166	370	103	37.8	26.7B	13.6B	8
9	13.0B	12.0B	11.3B	10.4B	19.7B	155E	167	680	102	37.2	26.4B	13.5B	9
10	13.1B	11.8B	11.4B	10.4B	22.0B	147E	224	743	92.7	35.7	26.2B	13.5B	10
11	13.0B	11.7B	11.4B	10.4B	24.3B	145E	314	535	82.3	36.2	25.5B	13.4B	11
12	13.1B	11.6B	11.4B	10.4B	28.5B	156E	428	376	76.0	35.3	24.1B	13.4B	12
13	13.1B	11.5B	11.3B	10.5B	33.0B	180E	442	287	75.0	39.0	22.9B	13.5B	13
14	13.1B	11.5B	11.2B	10.5B	39.0E	191E	394	234	72.8	62.1	21.6B	13.7B	14
15	13.0B	11.4B	11.1B	10.5B	45.0E	204E	419	179	69.6	56.2	21.0B	14.2B	15
16	13.0B	11.4B	10.9B	10.5B	57.0E	230E	527	173	67.5	59.4	20.4B	14.6B	16
17	13.0B	11.5B	10.9B	10.6B	66.0E	235E	677	143	63.2	55.9	20.3B	14.8B	17
18	13.0B	11.5B	10.8B	10.6B	80.0E	233A	652	116	60.1	53.4	20.1B	14.7B	18
19	12.9B	11.7B	10.6B	10.7B	99.0E	224	614	115	55.9	50.4	19.6B	14.4B	19
20	12.9B	11.8B	10.5B	10.8B	116 E	213	516	122	58.2	47.3	18.6B	13.9B	20
21	12.8B	12.0B	10.5B	10.9B	110 E	236	475	126	52.8	48.6	18.2B	13.6B	21
22	12.7B	12.1B	10.4B	10.9B	100 E	259	456	122	57.2	45.6	17.9B	13.5B	22
23	12.7B	12.0B	10.2B	11.1B	91.0E	284	452	117	55.5	44.8	17.7B	13.6B	23
24	12.6B	11.9B	10.1B	11.2B	89.0E	248	482	121	53.9	47.0	17.8B	13.8B	24
25	12.6B	11.9B	10.2B	11.4B	105 E	231	475	116	47.1	49.0	17.7B	13.9B	25
26	12.6B	11.9B	10.2B	11.5B	119 E	214	440	125	48.4	45.5	17.5B	13.8B	26
27	12.5B	11.8B	10.5B	11.7B	130 E	227	423	130	48.6	42.2	17.2B	13.5B	27
28	12.5B	11.7B	10.4B	12.0B	147 E	209	427	160	47.9	40.7	16.5B	13.3B	28
29	12.4B		10.4B	12.3B	165 E	180	431	180	47.1	38.0B	16.3B	12.9B	29
30	12.4B		10.4B	12.6B	185 E	174	384	217	45.1	33.5B	16.2B	12.7B	30
31	12.5B		10.4B		187 E		368	225		32.0B		12.6B	31
TOTAL	401.5	330.8	336.8	326.4	2 178.5	5 865	11 453	8 025	2 688.9	1 357.2	666.0	433.6	TOTAL
MEAN	13.0	11.8	10.9	10.9	70.3	196	369	259	89.6	43.8	22.2	14.0	MEAN
MAX	13.8	12.4	11.5	12.6	187	284	677	743	257	62.1	31.0	16.3	MAX
MIN	12.4	11.4	10.1	10.4	13.0	137	124	115	45.1	32.0	16.2	12.6	MIN

SUMMARY FOR THE YEAR 1981

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 93.3
MAXIMUM DAILY, 743 ON AUG 10
MINIMUM DAILY, 10.1B ON MAR 24
MAXIMUM INSTANTANEOUS,
934 AT 20:35 YST ON AUG 9

TYPE OF GAUGE - RECORDING
LOCATION - LAT 61 58 41 N
LONG 140 33 10 W
DRAINAGE AREA, 6 240 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	34 700	JUL	990 000
FEB	28 600	AUG	693 000
MAR	29 100	SEP	232 000
APR	28 200	OCT	117 000
MAY	188 000	NOV	57 500
JUN	507 000	DEC	37 500

TOTAL DISCHARGE, 2 940 000 dam³

YUKON TERRITORY

WHITESTONE RIVER NEAR THE MOUTH - STATION NO. 09FA001

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1981

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	3.49B	2.95B	2.52B	2.19B	3.99B	39.4	55.7	90.2	18.0	23.4	8.80B	5.55B	1
2	3.48B	2.99B	2.50B	2.20B	4.80B	45.4	294	72.5	16.6	22.8	8.75B	5.52B	2
3	3.46B	2.99B	2.48B	2.20B	6.00B	71.7	239	62.5	16.3	21.4	8.45B	5.45B	3
4	3.43B	2.94B	2.39B	2.20B	9.00B	79.2	238	58.5	16.4	19.2	8.30B	5.35B	4
5	3.40B	2.87B	2.38B	2.20B	18.4 B	75.2	255	56.8	15.8	18.1 B	8.25B	5.20B	5
6	3.39B	2.73B	2.38B	2.20B	35.2 B	101	195	52.7	15.5	17.7 B	8.20B	4.80B	6
7	3.39B	2.68B	2.37B	2.20B	51.3 B	127	123	46.3	14.5	17.2 B	8.10B	4.60B	7
8	3.40B	2.60B	2.36B	2.20B	54.4 A	114	89.5	39.4	14.8	16.5 B	8.05B	4.54B	8
9	3.37B	2.53B	2.38B	2.19B	65.7 A	91.9	70.7	34.6	15.0	16.5 B	8.00B	4.43B	9
10	3.32B	2.51B	2.41B	2.19B	61.5 A	83.9	56.0	30.4	14.8	16.3 B	7.95B	4.40B	10
11	3.31B	2.50B	2.44B	2.19B	104 A	77.2	44.4	27.8	14.8	15.3 B	7.85B	4.30B	11
12	3.30B	2.49B	2.45B	2.20B	131 A	61.3	39.1	26.0	15.3	14.9 B	7.65B	4.23B	12
13	3.30B	2.48B	2.41B	2.21B	119 A	50.4	37.0	24.5	15.1	14.0 B	7.55B	4.20B	13
14	3.34B	2.45B	2.38B	2.23B	91.2 A	42.1	35.7	23.7	15.3	13.3 B	7.40B	4.20B	14
15	3.39B	2.42B	2.30B	2.25B	55.2 A	35.4	32.3	22.7	15.9	12.8 B	7.30B	4.18B	15
16	3.40B	2.40B	2.28B	2.28B	68.7 A	28.1	28.2	21.6	20.2	12.4 B	7.15B	4.19B	16
17	3.39B	2.29B	2.26B	2.30B	68.7 A	24.2	26.0	20.4	23.3	12.1 B	7.05B	4.19B	17
18	3.30B	2.28B	2.23B	2.32B	72.6 A	20.6	38.6	19.4	24.2	11.9 B	7.00B	4.15B	18
19	3.20B	2.23B	2.19B	2.35B	71.6 A	18.0	161	19.1	23.3	11.6 B	6.98B	4.10B	19
20	3.09B	2.23B	2.18B	2.42B	69.8 A	16.0	715	18.8	23.8	11.4 B	6.95B	4.02B	20
21	3.00B	2.30B	2.18B	2.50B	70.8 A	14.3	703	18.6	26.6	11.1 B	6.90B	3.94B	21
22	2.97B	2.38B	2.19B	2.55B	57.1 A	13.2	307	18.2	36.1	10.9 B	6.60B	3.85B	22
23	2.95B	2.43B	2.20B	2.63B	300	12.6	204	18.1	37.5	10.6 B	6.40B	3.75B	23
24	2.93B	2.48B	2.19B	2.69B	656	12.6	153	18.0	44.7	10.3 B	6.20B	3.58B	24
25	2.94B	2.51B	2.18B	2.76B	387	14.6	131	17.9	31.2	10.1 B	6.00B	3.46B	25
26	2.95B	2.57B	2.17B	2.88B	239	14.1	150	17.9A	30.3	9.95B	5.95B	3.30B	26
27	2.95B	2.61B	2.19B	3.00B	160	13.0	172	19.0	30.0	9.75B	5.90B	3.15B	27
28	2.94B	2.61B	2.20B	3.21B	95.7	12.9	241	19.4	29.4	9.60B	5.85B	3.00B	28
29	2.92B		2.20B	3.45B	70.0	17.1	210	19.3	27.3	9.50B	5.75B	2.92B	29
30	2.91B		2.20B	3.65B	55.4	18.9	158	17.9	24.2	9.20B	5.68B	2.83B	30
31	2.92B		2.19B		45.2		121	18.1		8.95B		2.75B	31
TOTAL	99.53	71.45	71.38	74.04	3 298.29	1 345.3	5 323.2	970.3	656.2	428.75	216.96	128.13	TOTAL
MEAN	3.21	2.55	2.30	2.47	106	44.8	172	31.3	21.9	13.8	7.23	4.13	MEAN
MAX	3.49	2.99	2.52	3.65	656	127	715	90.2	37.5	23.4	8.80	5.55	MAX
MIN	2.91	2.23	2.17	2.19	3.99	12.6	26.0	17.9	14.5	8.95	5.68	2.75	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 34.7
MAXIMUM DAILY, 715 ON JUL 20
MINIMUM DAILY, 2.17B ON MAR 26
MAXIMUM INSTANTANEOUS,
894 AT 02:11 YST ON JUL 21

SUMMARY FOR THE YEAR 1981

TYPE OF GAUGE - RECORDING
LOCATION - LAT 66 25 38 N
LONG 138 24 10 W
DRAINAGE AREA, 6 730 km²
A - MANUAL GAUGE
B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	8 600	JUL	460 000
FEB	6 170	AUG	83 800
MAR	6 170	SEP	56 700
APR	6 400	OCT	37 000
MAY	285 000	NOV	18 700
JUN	116 000	DEC	11 100

TOTAL DISCHARGE, 1 100 000 dam³

YUKON RIVER ABOVE FRANK CREEK - STATION NO. 09AB009

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1981

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	173B	166B	169B	164B	201	301	575E	723E	743E	738E	568E	252E	1
2	173B	167B	169B	165B	202	308	584E	724E	741E	733E	558E	246E	2
3	172B	168B	168B	165B	204	314	591E	725E	741E	728E	548E	238E	3
4	171B	166B	167B	166B	206	323	598E	723A	738E	721E	538E	233E	4
5	170B	165B	166B	167B	207	330	605E	733	737E	716E	525E	228E	5
6	169B	165B	165B	167B	207	338	612E	744	737E	710E	513E	221E	6
7	168B	165B	166B	168B	208	347	616E	745	736E	704E	501E	221E	7
8	169B	164B	168B	169B	210	355	622E	745A	735E	699E	486E	218E	8
9	170B	164B	169B	169B	213	362	626E	743E	735E	692E	476E	215B	9
10	171B	163B	168B	170E	216	370	630E	747E	735E	685E	465E	212B	10
11	172B	161B	167B	170E	218	379A	633E	749E	737E	678E	453E	210B	11
12	173B	159B	165B	171E	221	398E	636E	753E	741E	674E	441E	209B	12
13	172B	158B	163B	171E	225	406E	640E	754E	745E	667E	428E	208B	13
14	171B	158B	162B	172E	227	412E	643E	755E	748E	661E	419E	208B	14
15	170B	157B	161B	172E	230	419E	644E	757E	753E	655E	408E	207B	15
16	169B	158B	160B	173E	233	428E	646E	758E	754E	651E	399E	207B	16
17	167B	159B	161B	174E	237	437E	648E	758E	757E	646E	389E	206B	17
18	165B	160B	160B	176E	239	444E	651E	761E	761E	642E	380E	206B	18
19	163B	160B	159B	178E	243	454E	653E	760E	761E	638E	370E	206B	19
20	160B	161B	158B	180E	246	463E	657E	759E	761E	633E	359E	205B	20
21	161B	161B	158B	181E	252	472E	663E	759E	762E	629E	348E	206B	21
22	161B	160B	157B	189A	255	483E	670E	756E	762E	626E	337E	205B	22
23	162B	160B	157B	190	258	494E	677E	755E	762E	621E	324E	204B	23
24	163B	161B	158B	192	261	508E	683E	755E	759E	616E	308E	202B	24
25	164B	162B	159B	194	264	518E	687E	753E	757E	614E	298E	200B	25
26	165B	163B	160B	196	266	528E	692E	751E	756E	608E	289E	199B	26
27	163B	164B	161B	198	271	539E	700E	750E	753E	605E	281E	199B	27
28	161B	166B	162B	199	276	549E	705E	748E	748E	601E	273E	198B	28
29	160B		163B	200	282	559E	709E	745E	744E	594E	265E	197B	29
30	162B		163B	200	288	568E	713E	740E	740E	586E	257E	195B	30
31	164B		164B		296		720E	742E		578E		193B	31
TOTAL	5 174	4 541	5 053	5 346	7 362	12 806	20 129	23 170	22 439	20 349	12 204	6 557	TOTAL
MEAN	167	162	163	178	237	427	649	747	748	656	407	212	MEAN
MAX	173	168	169	200	296	568	720	761	762	738	568	252	MAX
MIN	160	157	157	164	201	301	575	723	735	578	257	193	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 398
MAXIMUM DAILY, 762E ON SEP 21
MINIMUM DAILY, 157B ON FEB 15

SUMMARY FOR THE YEAR 1981

TYPE OF GAUGE - RECORDING
LOCATION - LAT 61 26 04 N
LONG 135 11 18 W
DRAINAGE AREA, 30 800 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
REGULATED SINCE 1925

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	447 000	JUL	1 740 000
FEB	392 000	AUG	2 000 000
MAR	437 000	SEP	1 940 000
APR	462 000	OCT	1 760 000
MAY	636 000	NOV	1 050 000
JUN	1 110 000	DEC	567 000

TOTAL DISCHARGE, 12 500 000 dam³

YUKON RIVER ABOVE WHITE RIVER - STATION NO. 09CD001

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1981

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	490B	412B	381B	350B	600B	2 870	2 180	1 730	1 360	1 610	1 340	723B	1
2	488B	411B	385B	350B	633B	2 960	2 180	1 720	1 350	1 600	1 310	700B	2
3	484B	410B	380B	351B	678B	3 010	2 260	1 770	1 360	1 590	1 310B	688B	3
4	480B	407B	380B	352B	730B	2 870	2 410	1 900	1 360	1 570	1 300B	675B	4
5	479B	401B	378B	353B	787B	2 770	2 410	1 890	1 350	1 540	1 290B	660B	5
6	479B	400B	373B	353B	835B	2 670	2 420	1 840	1 350	1 520A	1 270B	650B	6
7	479B	399B	371B	353B	910B	2 570	2 440	1 780	1 350	1 500	1 230B	640B	7
8	480B	395B	372B	354B	980B	2 480	2 450	1 740	1 350	1 490	1 210B	620B	8
9	481B	387B	374B	359B	1 100B	2 440	2 480	1 710	1 350	1 470	1 180B	610B	9
10	482B	382B	370B	360B	1 150B	2 440	2 490	1 700	1 370	1 450	1 140B	605B	10
11	482B	380B	371B	361B	1 260E	2 400	2 430	1 690	1 390	1 440	1 120B	590B	11
12	482B	375B	372B	363B	1 360E	2 350	2 380	1 670	1 410	1 420	1 110B	580B	12
13	478B	370B	371B	364B	1 400E	2 330	2 350	1 640	1 450	1 420	1 100B	570B	13
14	470B	368B	370B	366B	1 500E	2 320	2 310	1 630	1 520	1 410	1 090B	560B	14
15	460B	366B	374B	369B	1 670E	2 320	2 240	1 610	1 570	1 400	1 060B	555B	15
16	456B	369B	377B	372B	1 790E	2 330	2 150	1 590	1 590	1 420	1 050B	550B	16
17	452B	367B	378B	377B	1 840E	2 350	2 100	1 560	1 600	1 440	1 020B	540B	17
18	444B	369B	371B	380B	1 990E	2 340	2 070	1 550	1 640	1 470	990B	535B	18
19	438B	370B	368B	384B	2 080E	2 310	2 060	1 540	1 660	1 470	960B	525B	19
20	433B	370B	363B	390B	2 130E	2 270	2 000	1 530	1 670	1 470	920B	510B	20
21	430B	370B	360B	400B	2 200E	2 220	1 950	1 500	1 690	1 460	890B	492B	21
22	430B	370B	357B	406B	2 300E	2 190	1 910	1 490	1 710	1 440	870B	480B	22
23	430B	370B	355B	420B	2 380E	2 160	1 890	1 470	1 720	1 430	855B	470B	23
24	429B	370B	350B	440B	2 400E	2 170	1 870	1 460	1 710	1 430	830B	465B	24
25	425B	370B	353B	458B	2 410E	2 220	1 840	1 450	1 690	1 430	805B	462B	25
26	418B	373B	358B	477B	2 430A	2 200	1 820	1 430	1 690	1 420	795B	461B	26
27	409B	377B	360B	498B	2 460	2 180	1 830	1 420	1 680	1 420	780B	460B	27
28	403B	379B	358B	520B	2 510	2 190	1 820	1 410	1 670	1 420	770B	458B	28
29	406B		352B	545B	2 690	2 190	1 780	1 400	1 640	1 400	758B	455B	29
30	409B		350B	570B	2 830	2 190	1 750	1 380	1 620	1 400	742B	452B	30
31	412B		348B		2 880		1 730	1 370		1 370		448B	31
TOTAL	14 018	10 687	11 380	11 995	52 913	72 310	66 000	49 570	45 870	45 320	31 095	17 189	TOTAL
MEAN	452	382	367	400	1 710	2 410	2 130	1 600	1 530	1 460	1 040	554	MEAN
MAX	490	412	385	570	2 880	3 010	2 490	1 900	1 720	1 610	1 340	723	MAX
MIN	403	366	348	350	600	2 160	1 730	1 370	1 350	1 370	742	448	MIN

SUMMARY FOR THE YEAR 1981

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 1 170
MAXIMUM DAILY, 3 010 ON JUN 3
MINIMUM DAILY, 348B ON MAR 31
MAXIMUM INSTANTANEOUS,
3 170 AT 21:00 YST ON JUN 2

TYPE OF GAUGE - RECORDING
LOCATION - LAT 63 05 02 N
LONG 139 29 40 W
DRAINAGE AREA, 150 000 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
REGULATED SINCE 1925

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	1 210 000	JUL	5 700 000
FEB	923 000	AUG	4 280 000
MAR	983 000	SEP	3 960 000
APR	1 040 000	OCT	3 920 000
MAY	4 570 000	NOV	2 690 000
JUN	6 250 000	DEC	1 490 000

TOTAL DISCHARGE, 37 000 000 dam³

YUKON RIVER AT CARMACKS - STATION NO. 09AH001

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1981

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	414B	353B	328B	303B	383B	1 620	1 700	1 350	1 120	1 280	1 030	550E	1
2	413B	353B	329B	303B	400B	1 650	1 680	1 340	1 120	1 280	1 010	581E	2
3	413B	350B	327B	303B	415B	1 650	1 720	1 340	1 120	1 260	981	530E	3
4	412B	346B	325B	303B	433B	1 650	1 750	1 330	1 110	1 230	962	515B	4
5	412B	343B	324B	303B	450B	1 670	1 780	1 320	1 110	1 220	953	504B	5
6	411B	342B	320B	303B	470B	1 670	1 760	1 320	1 110	1 210	948	495B	6
7	411B	342B	320B	304B	490B	1 670	1 750	1 310	1 110	1 210	915	483B	7
8	413B	340B	321B	305B	527	1 680	1 770	1 300	1 120	1 200	878	470B	8
9	415B	335B	321B	305B	536	1 670	1 780	1 290	1 140	1 190	852	464B	9
10	417B	328B	320B	305B	566	1 650	1 750	1 280	1 140	1 180	853	457B	10
11	418B	322B	318B	305B	598	1 640	1 720	1 270	1 160	1 160	863	450B	11
12	415B	320B	319B	306B	645	1 640	1 700	1 260	1 190	1 150	853	445B	12
13	410B	315B	320B	307B	663	1 630	1 680	1 250	1 260	1 140	835	440B	13
14	405B	312B	320B	308B	676	1 620	1 650	1 240	1 270	1 140	801	435B	14
15	397B	311B	321B	309B	688	1 630	1 630	1 240	1 260	1 140	773	430B	15
16	390B	311B	321B	309B	704	1 660	1 610	1 230	1 270	1 160	750E	428B	16
17	385B	313B	322B	310B	744	1 670	1 590	1 220	1 290	1 160	730E	424B	17
18	378B	315B	321B	311B	796	1 660	1 570	1 210	1 290	1 150	710E	420B	18
19	373B	315B	318B	313B	829	1 650	1 550	1 200	1 300	1 130	690E	405B	19
20	367B	314B	312B	316B	869	1 650	1 530	1 190	1 310	1 120	680E	390B	20
21	367B	313B	308B	320B	900	1 660	1 510	1 190	1 310	1 100	670E	385B	21
22	368B	314B	302B	321B	937	1 670	1 510	1 170	1 310	1 090	660E	379B	22
23	367B	313B	301B	323B	978	1 720	1 500	1 160	1 300	1 090	650E	375B	23
24	365B	313B	301B	325B	1 030	1 780	1 480	1 140	1 300	1 080	640E	374B	24
25	363B	315B	304B	330B	1 080	1 730	1 470	1 130	1 300	1 080	620E	374B	25
26	355B	318B	305B	335B	1 170	1 710	1 460	1 120	1 310	1 080	610E	374B	26
27	350B	321B	307B	345B	1 290	1 720	1 440	1 110	1 310	1 070	605E	373B	27
28	347B	323B	307B	352B	1 470	1 740	1 420	1 110	1 300	1 070	595E	372B	28
29	349B		305B	362B	1 530	1 740	1 400	1 100	1 280	1 060	580E	371B	29
30	350B		304B	373B	1 540	1 710	1 390	1 090	1 270	1 050	568E	368B	30
31	352B		303B		1 560		1 370	1 100		1 040		365B	31
TOTAL	12 002	9 110	9 774	9 517	25 367	50 210	49 620	37 910	36 790	35 520	23 265	13 386	TOTAL
MEAN	387	325	315	317	818	1 670	1 600	1 220	1 230	1 150	776	432	MEAN
MAX	418	353	329	373	1 560	1 780	1 780	1 350	1 310	1 280	1 030	550	MAX
MIN	347	311	301	303	383	1 620	1 370	1 090	1 110	1 040	568	365	MIN

SUMMARY FOR THE YEAR 1981

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 856
MAXIMUM DAILY, 1 780 ON JUN 24
MINIMUM DAILY, 301B ON MAR 23
MAXIMUM INSTANTANEOUS,
1 790 AT 08:45 YST ON JUN 24

TYPE OF GAUGE - RECORDING
LOCATION - LAT 62 05 45 N
LONG 136 16 18 W
DRAINAGE AREA, 81 800 km²

B - ICE CONDITIONS
E - ESTIMATED
REGULATED SINCE 1925

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	1 040 000	JUL	4 290 000
FEB	787 000	AUG	3 280 000
MAR	844 000	SEP	3 180 000
APR	822 000	OCT	3 070 000
MAY	2 190 000	NOV	2 010 000
JUN	4 340 000	DEC	1 160 000

TOTAL DISCHARGE, 27 000 000 dam³

YUKON TERRITORY

YUKON RIVER AT DAWSON - STATION NO. 09EB001

DAILY WATER LEVEL IN METRES FOR 1981

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	---	---	---	3.423	2.400A	---	1.755	1.756	1.105	---	1
2	---	---	---	---	---	3.403	2.400A	---	1.768	1.724	1.069	---	2
3	---	---	---	---	---	3.541	2.430A	---	1.730	1.685	1.034	---	3
4	---	---	---	---	---	3.534	2.500A	---	1.654	1.630	0.962	---	4
5	---	---	---	---	---	3.441	2.660E	---	1.593	1.555	0.913	---	5
6	---	---	---	---	---	3.285	2.700E	---	1.557	1.508	0.814	---	6
7	---	---	---	---	---	3.128	2.780E	---	1.518	1.480	0.728	---	7
8	---	---	---	---	---	2.961	2.835E	---	1.506	1.455	0.740	---	8
9	---	---	---	---	---	2.877	2.880E	---	1.507	1.421	0.707	---	9
10	---	---	---	---	---	2.897	2.950E	---	1.496	1.367	0.574	---	10
11	---	---	---	---	---	2.867	3.060E	---	1.513	1.330	0.613	---	11
12	---	---	---	---	---	2.777	---	---	1.604	1.302	0.644	---	12
13	---	---	---	---	---	2.718A	---	---	1.774	1.313	0.628	---	13
14	---	---	---	---	---	2.660A	---	---	1.855	1.315	0.683	---	14
15	---	---	---	---	---	2.630A	---	---	1.923	1.321	0.774	---	15
16	---	---	---	---	---	2.590A	---	---	1.980	1.355	0.737	---	16
17	---	---	---	---	---	2.565A	---	---	2.000	1.399	0.729	---	17
18	---	---	---	---	---	2.590A	---	---	2.016	1.448	0.672	---	18
19	---	---	---	---	2.505A	2.550A	---	---	2.028	1.480	0.665	---	19
20	---	---	---	---	2.556	2.470A	---	---	2.075	1.513	---	---	20
21	---	---	---	---	2.562	2.380A	---	---	2.162	1.471	---	---	21
22	---	---	---	---	2.662	2.310A	---	---	2.192	1.434	---	---	22
23	---	---	---	---	2.804	2.270A	---	---	2.162	1.379	---	---	23
24	---	---	---	---	2.875	2.250A	---	---	2.119	1.372	---	---	24
25	---	---	---	---	2.864	2.280A	---	---	2.061	1.334	---	---	25
26	---	---	---	---	2.915	2.310A	---	---	1.993	1.287	---	---	26
27	---	---	---	---	2.964	2.310A	---	---	1.940	1.267	---	---	27
28	---	---	---	---	3.050	2.340A	---	---	1.886	1.269	---	---	28
29	---		---	---	3.180	2.370A	---	1.717A	1.836	1.274	---	---	29
30	---		---	---	3.336	2.400A	---	1.717	1.793	1.241	---	---	30
31	---		---		3.419		---	1.736		1.174		---	31
MEAN	---	---	---	---	---	2.738	---	---	1.833	1.415	---	---	MEAN
MAX	---	---	---	---	---	3.541	---	---	2.192	1.756	---	---	MAX
MIN	---	---	---	---	---	2.250	---	---	1.496	1.174	---	---	MIN

SUMMARY FOR THE YEAR 1981

WATER LEVELS IN METRES

MAXIMUM DAILY, 3.541 ON JUN 3

MAXIMUM INSTANTANEOUS,
3.598 AT 20:40 YST ON JUN 3

WATER LEVELS ARE REFERRED TO ASSUMED DATUM NO. 2
APPLY 311.826 m ADJUSTMENT TO CONVERT TO GEODETIC SURVEY OF CANADA DATUM

TYPE OF GAUGE - RECORDING
LOCATION - LAT 64 04 12 N
LONG 139 25 30 W

A - MANUAL GAUGE

E - ESTIMATED

REGULATED SINCE 1925

DRAINAGE AREA,
264 000 km²

YUKON RIVER AT WHITEHORSE - STATION NO. 09AB001

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1981

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	133B	136B	138B	150	161	299	465	561	596	576	388	143	1
2	133B	135B	135B	154	172	308	472	566	596	570	387	144	2
3	133B	135B	134B	152	165	313	468	569	600	555	384	148	3
4	133B	135B	137B	151	172	327	470	559	597	558	341	145	4
5	133B	135B	135B	152	165	332	471	560	597	558	337	144	5
6	133B	135B	135B	150	164	334	468	570	594	552	335	147	6
7	132B	135B	135B	151	171	344	474	578	594	546	288	146	7
8	136B	133B	134B	149	169	349	475	580	596	539	282	146	8
9	139B	134B	134B	147	184	351	476	592	598	530	280	146	9
10	138B	134B	129B	128	186	352	475	593	608	527	280	146	10
11	136B	133B	129B	156	193	354	507	596	618	519	251	147	11
12	138B	128B	132B	168	213	354	485	598	621	521	245	146	12
13	137B	131B	133B	164	220	358	489	601	624	515	248	146	13
14	137B	131B	140B	161	216	360	494	600	622	512	246	146	14
15	138B	131B	144B	160	219	362	472	610	630	510	244	147	15
16	137B	130B	141B	158	228	367	486	611	633	503	245	147	16
17	137B	131B	143B	160	226	379	490	609	632	503	217	147	17
18	137B	130B	143B	160	224	386	493	605	630	502	210	145	18
19	138B	130B	142B	159	231	394	498	605	635	499	203	146	19
20	138B	131B	142B	156	238	398	505	607	633	493	176	145	20
21	137B	130B	140B	158	243	406	508	610	628	488	169	147	21
22	137B	130B	141B	167	249	407	511	604	618	484	170	146	22
23	138B	131B	141B	164	254	414	518	600	614	481	169	146	23
24	140B	136B	142B	163	249	425	522	595	615	478	159	145	24
25	137B	138B	141B	160	252	434	535	588	613	470	159	145	25
26	132B	141B	139B	171	258	447	535	594	612	469	158	145	26
27	137B	137B	141B	167	263	446	538	592	602	468	152	146	27
28	137B	137B	140B	163	271	453	535	588	589	463	149	146	28
29	136B		140B	166	277	457	542	595	584	439	144	146	29
30	135B		141B	164	272	458	551	595	587	428	145	145	30
31	138B		144B		292		555	597		389		145	31
TOTAL	4 220	3 733	4 285	4 729	6 797	11 368	15 483	18 328	18 316	15 645	7 161	4 519	TOTAL
MEAN	136	133	138	158	219	379	499	591	611	505	239	146	MEAN
MAX	140	141	144	171	292	458	555	611	635	576	388	148	MAX
MIN	132	128	129	128	161	299	465	559	584	389	144	143	MIN

SUMMARY FOR THE YEAR 1981

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 314
MAXIMUM DAILY, 635 ON SEP 19
MINIMUM DAILY, 128B ON FEB 12

DATA CONTRIBUTED BY -
NORTHERN CANADA POWER COMMISSION

TYPE OF GAUGE - POWER PLANT
LOCATION - LAT 60 42 50 N
LONG 135 02 35 W
DRAINAGE AREA, 19 400 km²

B - ICE CONDITIONS

REGULATED SINCE 1926

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	365 000	JUL	1 340 000
FEB	323 000	AUG	1 580 000
MAR	370 000	SEP	1 580 000
APR	409 000	OCT	1 350 000
MAY	587 000	NOV	619 000
JUN	982 000	DEC	390 000

TOTAL DISCHARGE, 9 900 000 dam³

AKKUTUAK CREEK NEAR BAKER LAKE - STATION NO. 06MA004

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1981

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	0B	0B	0B	0 B	0.247	0.009E	---	---	---	---	1
2	---	---	0B	0B	0B	0 B	0.226	0.008E	---	---	---	---	2
3	---	---	0B	0B	0B	0 B	0.190E	0.007E	---	---	---	---	3
4	---	---	0B	0B	0B	0 B	0.172E	0.006	---	---	---	---	4
5	---	---	0B	0B	0B	0 B	0.158E	0.005E	---	---	---	---	5
6	---	---	0B	0B	0B	0.100B	0.157	0.005E	---	---	---	---	6
7	---	---	0B	0B	0B	0.160B	0.151	0.005E	---	---	---	---	7
8	---	---	0B	0B	0B	0.270B	0.127	0.006E	---	---	---	---	8
9	---	---	0B	0B	0B	0.425B	0.208	0.007E	---	---	---	---	9
10	---	---	0B	0B	0B	2.59	0.380E	0.006	---	---	---	---	10
11	---	---	0B	0B	0B	1.78	0.900E	0.005E	---	---	---	---	11
12	---	---	0B	0B	0B	1.07	0.740E	0.004E	---	---	---	---	12
13	---	---	0B	0B	0B	0.913	0.600E	0.004E	---	---	---	---	13
14	---	---	0B	0B	0B	0.774	0.480E	0.003E	---	---	---	---	14
15	---	---	0B	0B	0B	0.633	0.400E	0.002E	---	---	---	---	15
16	---	---	0B	0B	0B	0.724	0.320E	0.001	---	---	---	---	16
17	---	---	0B	0B	0B	1.20 E	0.255E	0.001E	---	---	---	---	17
18	---	---	0B	0B	0B	1.10 E	0.210E	0.001E	---	---	---	---	18
19	---	---	0B	0B	0B	1.04	0.170E	0 E	---	---	---	---	19
20	---	---	0B	0B	0B	0.760E	0.138E	0 E	---	---	---	---	20
21	---	---	0B	0B	0B	0.550E	0.113E	0 E	---	---	---	---	21
22	---	---	0B	0B	0B	0.460E	0.089E	0.006E	---	---	---	---	22
23	---	---	0B	0B	0B	0.571	0.065	0.005E	---	---	---	---	23
24	---	---	0B	0B	0B	0.490E	0.059E	0.004E	---	---	---	---	24
25	---	---	0B	0B	0B	0.430E	0.048E	0.003E	---	---	---	---	25
26	---	---	0B	0B	0B	0.375E	0.039E	0.003E	---	---	---	---	26
27	---	---	0B	0B	0B	0.330E	0.032	0.002E	---	---	---	---	27
28	---	---	0B	0B	0B	0.288E	0.047	0.002E	---	---	---	---	28
29	---		0B	0B	0B	0.250E	0.035E	0.001E	---	---	---	---	29
30	---		0B	0B	0B	0.296	0.023E	0 E	---	---	---	---	30
31	---		0B		0B		0.010	0 E		---		---	31
TOTAL	---	---	0	0	0	17.579	6.789	0.111	---	---	---	---	TOTAL
MEAN	---	---	0	0	0	0.586	0.219	0.004	---	---	---	---	MEAN
MAX	---	---	0	0	0	2.59	0.900	0.009	---	---	---	---	MAX
MIN	---	---	0	0	0	0	0.010	0	---	---	---	---	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MAXIMUM DAILY, 2.59 ON JUN 10
MINIMUM DAILY, 0B ON MAR 1

SUMMARY FOR THE MONTHS MAR TO OCT

TYPE OF GAUGE - MANUAL
LOCATION - LAT 64 19 10 N
LONG 96 01 50 W
DRAINAGE AREA, 18.9 km²

B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	587
FEB	---	AUG	9.59
MAR	0	SEP	---
APR	0	OCT	---
MAY	0	NOV	---
JUN	1 520	DEC	---

ALLEN RIVER NEAR THE MOUTH - STATION NO. 10TC001

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1981

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	0B	0B	0B	0B	0B	0 B	---	0.564	0.070B	0B	0B	0B	1
2	0B	0B	0B	0B	0B	0 B	---	0.606	0.060B	0B	0B	0B	2
3	0B	0B	0B	0B	0B	0 B	---	0.572	0.040B	0B	0B	0B	3
4	0B	0B	0B	0B	0B	0 B	---	0.578	0.020B	0B	0B	0B	4
5	0B	0B	0B	0B	0B	0 B	---	1.03	0.010B	0B	0B	0B	5
6	0B	0B	0B	0B	0B	0 B	---	1.02	0.010B	0B	0B	0B	6
7	0B	0B	0B	0B	0B	0 B	---	1.03	0.009B	0B	0B	0B	7
8	0B	0B	0B	0B	0B	0 B	---	0.911	0.009B	0B	0B	0B	8
9	0B	0B	0B	0B	0B	0 B	---	0.793	0.008B	0B	0B	0B	9
10	0B	0B	0B	0B	0B	0 B	---	0.666	0.008B	0B	0B	0B	10
11	0B	0B	0B	0B	0B	0 B	---	0.487	0.007B	0B	0B	0B	11
12	0B	0B	0B	0B	0B	0 B	---	0.386	0.007B	0B	0B	0B	12
13	0B	0B	0B	0B	0B	0 B	---	0.253	0.006B	0B	0B	0B	13
14	0B	0B	0B	0B	0B	0 B	---	0.124	0.006B	0B	0B	0B	14
15	0B	0B	0B	0B	0B	0 B	---	13.1	0.005B	0B	0B	0B	15
16	0B	0B	0B	0B	0B	0 B	---	8.46	0.005B	0B	0B	0B	16
17	0B	0B	0B	0B	0B	0 B	---	4.71	0.004B	0B	0B	0B	17
18	0B	0B	0B	0B	0B	0 B	---	21.6	0.004B	0B	0B	0B	18
19	0B	0B	0B	0B	0B	0 B	---	7.94	0.003B	0B	0B	0B	19
20	0B	0B	0B	0B	0B	0 B	---	6.50 E	0.003B	0B	0B	0B	20
21	0B	0B	0B	0B	0B	24.7B	---	4.60 E	0.002B	0B	0B	0B	21
22	0B	0B	0B	0B	0B	16.4B	---	3.39 E	0.002B	0B	0B	0B	22
23	0B	0B	0B	0B	0B	17.7	---	2.59 E	0.001B	0B	0B	0B	23
24	0B	0B	0B	0B	0B	23.8	---	2.16 E	0.001B	0B	0B	0B	24
25	0B	0B	0B	0B	0B	---	---	1.62 E	0 B	0B	0B	0B	25
26	0B	0B	0B	0B	0B	---	---	1.08 E	0 B	0B	0B	0B	26
27	0B	0B	0B	0B	0B	---	---	0.680B	0 B	0B	0B	0B	27
28	0B	0B	0B	0B	0B	---	---	0.390B	0 B	0B	0B	0B	28
29	0B		0B	0B	0B	---	---	0.270B	0 B	0B	0B	0B	29
30	0B		0B	0B	0B	---	---	0.190B	0 B	0B	0B	0B	30
31	0B		0B		0B		---	0.110B		0B		0B	31
TOTAL	0	0	0	0	0	---	---	88.410	0.300	0	0	0	TOTAL
MEAN	0	0	0	0	0	---	---	2.85	0.010	0	0	0	MEAN
MAX	0	0	0	0	0	---	---	21.6	0.070	0	0	0	MAX
MIN	0	0	0	0	0	---	---	0.110	0	0	0	0	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MINIMUM DAILY, 0B ON JAN 1

SUMMARY FOR THE YEAR 1981

TYPE OF GAUGE - RECORDING
LOCATION - LAT 74 50 20 N
LONG 95 03 30 W
DRAINAGE AREA, 448 km²

B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	0	JUL	---
FEB	0	AUG	7 640
MAR	0	SEP	25.9
APR	0	OCT	0
MAY	0	NOV	0
JUN	---	DEC	0

NORTHWEST TERRITORIES

ANDERSON RIVER BELOW CARNWATH RIVER - STATION NO. 10NC001

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1981

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	20.2B	20.1B	9.90B	9.60B	17.2B	574	232	146	152	269	143 B	85.2B	1
2	20.3B	20.0B	9.80B	9.70B	17.7B	560	230	146	151	277	140 B	84.0B	2
3	20.4B	19.8B	9.70B	9.80B	18.0B	546	229	145	150	284	137 B	82.9B	3
4	20.5B	19.4B	9.60B	9.90B	18.5B	536	225	147	149	285	135 B	81.8B	4
5	20.6B	19.0B	9.50B	10.0 B	19.0B	526	221	146	149	272	132 B	80.2B	5
6	20.7B	18.5B	9.40B	10.1 B	19.2B	514	219	147	149	251	130 B	79.2B	6
7	20.8B	18.2B	9.30B	10.3 B	23.0B	501	215	149	148	250B	127 B	77.9B	7
8	20.9B	17.8B	9.20B	10.5 B	26.0B	488	212	150	148	243B	125 B	76.9B	8
9	20.9B	17.4B	9.10B	10.7 B	30.0B	475	207	150	152	238B	124 B	75.9B	9
10	21.0B	17.0B	9.00B	10.9 B	34.5B	463	203	148	159	233B	122 B	74.8B	10
11	21.0B	16.6B	8.90B	11.0 B	40.0B	446	202	148	168	226B	119 B	73.8B	11
12	21.1B	16.2B	8.80B	11.3 B	46.5B	428	201	147	181	220B	117 B	72.3B	12
13	21.2B	15.8B	8.70B	11.6 B	55.0B	412	198	151	193	215B	115 B	71.2B	13
14	21.3B	15.5B	8.60B	11.8 B	67.0B	397	192	156	198	210B	113 B	70.3B	14
15	21.4B	15.1B	8.50B	12.0 B	80.0B	380	189	164	200	204B	111 B	69.6B	15
16	21.5B	14.6B	8.50B	12.3 B	100 B	369	186	172	205	200B	109 B	68.5B	16
17	21.5B	14.2B	8.50B	12.5 B	130 B	353	181	175	209	196B	108 B	67.6B	17
18	21.5B	13.8B	8.50B	12.8 B	170 B	339	175	177	211	191B	106 B	66.5B	18
19	21.4B	13.2B	8.50B	13.0 B	250 B	327	172	176	219	187B	103 B	65.9B	19
20	21.4B	12.6B	8.50B	13.5 B	360 B	317	173	175	229	183B	102 B	64.8B	20
21	21.3B	12.2B	8.60B	13.8 B	693 A	306	171	175	235	178B	100 B	64.0B	21
22	21.2B	11.8B	8.70B	13.9 B	795	299	167	173	237	174B	98.0B	63.0B	22
23	21.2B	11.3B	8.80B	14.2 B	911	291	166	170	238	171B	97.0B	62.1B	23
24	21.1B	11.1B	8.90B	14.6 B	853	280	167	168	243	167B	95.0B	61.0B	24
25	21.0B	10.8B	8.98B	14.9 B	800	271	169	166	246	164B	93.5B	60.3B	25
26	20.9B	10.5B	9.00B	15.4 B	718	263	165	165	248	160B	92.0B	59.9B	26
27	20.8B	10.3B	9.10B	15.8 B	658	255	158	163	248	157B	90.5B	59.0B	27
28	20.6B	10.2B	9.20B	16.0 B	626	249	153	161	253	153B	89.4B	58.2B	28
29	20.5B		9.30B	16.3 B	608	243	150	157	258	151B	87.9B	57.4B	29
30	20.3B		9.40B	16.7 B	597	237	148	155	263	148B	86.7B	56.8B	30
31	20.2B		9.50B		586		147	152		145B		56.1B	31
TOTAL	648.7	423.0	279.98	374.90	9 366.6	11 645	5 823	4 920	5 989	6 402	3 348.0	2 147.1	TOTAL
MEAN	20.9	15.1	9.03	12.5	302	388	188	159	200	207	112	69.3	MEAN
MAX	21.5	20.1	9.90	16.7	911	574	232	177	263	285	143	85.2	MAX
MIN	20.2	10.2	8.50	9.60	17.2	237	147	145	148	145	86.7	56.1	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 191
MAXIMUM DAILY, 911 ON MAY 23
MINIMUM DAILY, 8.50B ON MAR 15
MAXIMUM INSTANTANEOUS,
994 AT 08:25 MST ON MAY 23

SUMMARY FOR THE YEAR 1981

TYPE OF GAUGE - RECORDING
LOCATION - LAT 68 38 00 N
LONG 128 24 30 W
DRAINAGE AREA, 48 400 km²
A - MANUAL GAUGE
B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	56 000	JUL	503 000
FEB	36 500	AUG	425 000
MAR	24 200	SEP	517 000
APR	32 400	OCT	553 000
MAY	809 000	NOV	289 000
JUN	1 010 000	DEC	186 000

TOTAL DISCHARGE, 4 440 000 dam³

APEX RIVER AT APEX - STATION NO. 10TE002

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1981

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	---	---	---	---	2.02	0.326	1.56	---	---	---	1
2	---	---	---	---	---	---	1.78	0.316	2.82	---	---	---	2
3	---	---	---	---	---	---	1.85	0.337	2.19	---	---	---	3
4	---	---	---	---	---	---	1.88	0.334	2.35	---	---	---	4
5	---	---	---	---	---	---	1.73	0.357	1.76	---	---	---	5
6	---	---	---	---	---	---	2.00	0.401	1.37	---	---	---	6
7	---	---	---	---	---	---	1.67	0.410	1.28	---	---	---	7
8	---	---	---	---	---	---	1.38	0.408	1.39	---	---	---	8
9	---	---	---	---	---	---	1.19	0.391	2.20	---	---	---	9
10	---	---	---	---	---	---	1.09	0.395	3.55	---	---	---	10
11	---	---	---	---	---	---	0.984	0.380	2.68	---	---	---	11
12	---	---	---	---	---	---	0.914	0.336	1.87	---	---	---	12
13	---	---	---	---	---	---	0.832	0.347	1.48	---	---	---	13
14	---	---	---	---	---	---	0.746	0.354	1.25	---	---	---	14
15	---	---	---	---	---	---	0.692	0.314	1.09	---	---	---	15
16	---	---	---	---	---	---	0.617	0.289	1.04	---	---	---	16
17	---	---	---	---	---	---	0.585	0.278	0.985A	---	---	---	17
18	---	---	---	---	---	---	0.555	0.285	---	---	---	---	18
19	---	---	---	---	---	---	0.541	0.313	---	---	---	---	19
20	---	---	---	---	---	---	0.538	0.321	---	---	---	---	20
21	---	---	---	---	---	---	0.509	0.303	---	---	---	---	21
22	---	---	---	---	---	---	0.460	0.284	---	---	---	---	22
23	---	---	---	---	---	3.17A	0.439	0.266	---	---	---	---	23
24	---	---	---	---	---	3.31	0.436	0.268	---	---	---	---	24
25	---	---	---	---	---	4.45	0.398	0.271	---	---	---	---	25
26	---	---	---	---	---	4.47	0.390	0.281	---	---	---	---	26
27	---	---	---	---	---	3.54	0.379	0.310	---	---	---	---	27
28	---	---	---	---	---	3.19	0.367	0.293	---	---	---	---	28
29	---		---	---	---	3.49	0.336	0.288	---	---	---	---	29
30	---		---	---	---	2.55	0.303	0.298	---	---	---	---	30
31	---		---		---		0.326	0.327		---		---	31
TOTAL	---	---	---	---	---	---	27.937	10.081	---	---	---	---	TOTAL
MEAN	---	---	---	---	---	---	0.901	0.325	---	---	---	---	MEAN
MAX	---	---	---	---	---	---	2.02	0.410	---	---	---	---	MAX
MIN	---	---	---	---	---	---	0.303	0.266	---	---	---	---	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MAXIMUM INSTANTANEOUS,
5.32 AT 23:59 EST ON JUL 25

SUMMARY FOR THE YEAR 1981

TYPE OF GAUGE - RECORDING
LOCATION - LAT 63 44 00 N
LONG 68 27 10 W
DRAINAGE AREA, 59.6 km²
A - MANUAL GAUGE

NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	2 410
FEB	---	AUG	871
MAR	---	SEP	---
APR	---	OCT	---
MAY	---	NOV	---
JUN	---	DEC	---

ARCTIC RED RIVER NEAR THE MOUTH - STATION NO. 10LA002

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1981

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	14.7B	12.5B	11.2B	10.6B	14.7B	365A	884	570	148	137	28.9B	13.8B	1
2	14.6B	12.4B	11.1B	10.7B	15.3B	401	1 120	550	143	133	27.6B	13.6B	2
3	14.5B	12.4B	11.1B	10.7B	16.1B	520	943	446	139	139	26.7B	13.4B	3
4	14.4B	12.3B	11.0B	10.7B	17.1B	503	819	418	133	139	25.5B	13.2B	4
5	14.3B	12.2B	11.0B	10.7B	18.4B	553	857	496	124	127	24.7B	13.0B	5
6	14.2B	12.2B	11.0B	10.7B	20.0B	708	829	489	119	128 B	23.9B	12.8B	6
7	14.1B	12.1B	11.0B	10.7B	22.1B	1 030	666	447	115	123 B	23.1B	12.6B	7
8	14.0B	12.1B	10.9B	10.7B	24.5B	835	567	398	112	119 B	22.5B	12.4B	8
9	14.0B	12.0B	10.9B	10.7B	27.2B	611	498	353	112	115 B	21.9B	12.2B	9
10	13.9B	12.0B	10.8B	10.7B	30.2B	472	454	318	136	112 B	21.3B	12.0B	10
11	13.8B	12.0B	10.8B	10.7B	34.0B	455	413	299	179	108 B	20.8B	12.0B	11
12	13.7B	11.9B	10.8B	10.8B	38.3B	380	414	296	174	103 B	20.3B	11.9B	12
13	13.6B	11.9B	10.8B	10.8B	43.5B	313	559	297	172	99.0B	19.9B	11.9B	13
14	13.6B	11.8B	10.8B	10.9B	50.1B	292	651	289	176	94.6B	19.1B	11.8B	14
15	13.5B	11.8B	10.8B	10.9B	59.8B	269	517	275	173	90.0B	18.5B	11.7B	15
16	13.5B	11.7B	10.8B	11.0B	70.0B	231	423	265	163	85.0B	17.7B	11.6B	16
17	13.4B	11.7B	10.7B	11.1B	83.0B	200	386	251	157	80.2B	17.5B	11.5B	17
18	13.4B	11.6B	10.7B	11.2B	104 B	176	412	239	148	75.9B	17.0B	11.4B	18
19	13.3B	11.6B	10.7B	11.3B	143 A	153	585	241	137	71.0B	16.8B	11.3B	19
20	13.2B	11.5B	10.7B	11.4B	174	135	587	237	134	66.3B	16.3B	11.2B	20
21	13.1B	11.5B	10.7B	11.6B	195	119	543	223	134	62.0B	16.1B	11.1B	21
22	13.0B	11.5B	10.6B	11.8B	206 E	109	523	208	139	56.2B	15.9B	11.0B	22
23	13.0B	11.4B	10.6B	11.9B	220 E	104	631	199	144	51.8B	15.7B	11.0B	23
24	12.9B	11.4B	10.6B	12.1B	233 E	624	605	190	149	47.7B	15.2B	10.9B	24
25	12.8B	11.4B	10.6B	12.4B	244 E	981	501	181	153	44.5B	15.0B	10.9B	25
26	12.8B	11.3B	10.6B	12.6B	256 E	737	426	171	158	41.2B	14.9B	10.8B	26
27	12.7B	11.3B	10.6B	13.0B	269 E	643	385	165	159	38.2B	14.7B	10.8B	27
28	12.7B	11.2B	10.6B	13.4B	281 E	775	382	157	160	35.8B	14.4B	10.7B	28
29	12.6B		10.6B	13.7B	299 E	1 050	445	154	155	33.6B	14.2B	10.7B	29
30	12.6B		10.6B	14.2B	313 E	1 020	430	155	142	31.8B	14.0B	10.6B	30
31	12.5B		10.6B		332 E		431	153		30.1B		10.6B	31
TOTAL	418.4	330.7	334.3	343.7	3 853.3	14 764	17 886	9 130	4 387	2 617.9	580.1	364.4	TOTAL
MEAN	13.5	11.8	10.8	11.5	124	492	577	295	146	84.4	19.3	11.8	MEAN
MAX	14.7	12.5	11.2	14.2	332	1 050	1 120	570	179	139	28.9	13.8	MAX
MIN	12.5	11.2	10.6	10.6	14.7	104	382	153	112	30.1	14.0	10.6	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 151
MAXIMUM DAILY, 1 120 ON JUL 2
MINIMUM DAILY, 10.6B ON MAR 22
MAXIMUM INSTANTANEOUS,
1 160 AT 12:35 MST ON JUL 2

SUMMARY FOR THE YEAR 1981

TYPE OF GAUGE - RECORDING
LOCATION - LAT 66 47 10 N
LONG 133 06 00 W
DRAINAGE AREA, 15 100 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	36 100	JUL	1 550 000
FEB	28 600	AUG	789 000
MAR	28 900	SEP	379 000
APR	29 700	OCT	226 000
MAY	333 000	NOV	50 100
JUN	1 280 000	DEC	31 500

TOTAL DISCHARGE, 4 760 000 dam³

BACK RIVER BELOW BEECHY LAKE - STATION NO. 10RA001

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1981

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	0.310B	0B	0B	0 B	0.120B	331B	285	235	105	96.2	61.9B	17.2 B	1
2	0.250B	0B	0B	0 B	0.150B	381B	284	228	112	100	60.3B	16.3 B	2
3	0.210B	0B	0B	0 B	0.210B	442	273	221	117	108	58.4B	15.4 B	3
4	0.180B	0B	0B	0 B	0.300B	482	270	213	115	111	56.0B	14.7 B	4
5	0.130B	0B	0B	0 B	0.400B	529	276	202	110	114	52.7B	14.0 B	5
6	0.100B	0B	0B	0 B	0.690B	559	271	194	110	115	49.5B	13.3 B	6
7	0.080B	0B	0B	0 B	1.20 B	560	268	188	110	115	47.0B	12.6 B	7
8	0.050B	0B	0B	0 B	1.80 B	551	268	182	103	109	45.2B	12.0 B	8
9	0.030B	0B	0B	0 B	2.55 B	530	271E	161	108	105	43.8B	11.6 B	9
10	0.010B	0B	0B	0 B	3.12 B	517	280E	158	124	108	42.3B	10.9 B	10
11	0 B	0B	0B	0 B	3.80 B	498	289E	152	135	108	42.0B	10.4 B	11
12	0 B	0B	0B	0 B	5.00 B	479	300	144	149	107	41.1B	9.90B	12
13	0 B	0B	0B	0 B	6.10 B	459	318	143	158	110	39.8B	9.45B	13
14	0 B	0B	0B	0 B	7.40 B	434	342	136	162	109	38.4B	9.00B	14
15	0 B	0B	0B	0 B	9.10 B	424	359	139	160	100	36.6B	8.60B	15
16	0 B	0B	0B	0 B	10.1 B	410	386	134	156	95.8	35.5B	8.25B	16
17	0 B	0B	0B	0 B	10.4 B	396	389	133	161	97.0	33.7B	7.84B	17
18	0 B	0B	0B	0 B	10.8 B	384	387	131	158	94.0B	32.1B	7.58B	18
19	0 B	0B	0B	0 B	20.6 B	374	387	125	142	90.0B	30.4B	7.20B	19
20	0 B	0B	0B	0 B	28.5 B	365	381	122	137	81.0B	29.0B	6.90B	20
21	0 B	0B	0B	0 B	35.5 B	356	374	127	138	77.5B	28.0B	6.62B	21
22	0 B	0B	0B	0 B	44.2 B	346	359	123	133	74.2B	26.8B	6.36B	22
23	0 B	0B	0B	0 B	55.5 B	342	346	123	137	71.0B	25.5B	6.14B	23
24	0 B	0B	0B	0 B	69.5 B	338	337	122	134	68.0B	24.4B	5.90B	24
25	0 B	0B	0B	0 B	88.2 B	339	318	120	124	66.0B	23.2B	5.67B	25
26	0 B	0B	0B	0.010B	112 B	326	312	119	118	64.5B	22.0B	5.40B	26
27	0 B	0B	0B	0.020B	145 B	311	293	117	114	62.3B	21.0B	5.20B	27
28	0 B	0B	0B	0.030B	177 B	306	282	116	108	61.9B	19.8B	5.00B	28
29	0 B		0B	0.050B	213 B	299	271	114	106	61.6B	18.8B	4.84B	29
30	0 B		0B	0.070B	252 B	291	263	111	104	61.7B	17.9B	4.66B	30
31	0 B		0B		288 B		249	108		62.0B		4.50B	31
TOTAL	1.350	0	0	0.180	1 602.240	12 359	9 688	4 641	3 848	2 803.7	1 103.1	283.41	TOTAL
MEAN	0.044	0	0	0.006	51.7	412	313	150	128	90.4	36.8	9.14	MEAN
MAX	0.310	0	0	0.070	288	560	389	235	162	115	61.9	17.2	MAX
MIN	0	0	0	0	0.120	291	249	108	103	61.6	17.9	4.50	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 99.5
MAXIMUM DAILY, 560 ON JUN 7
MINIMUM DAILY, 0B ON JAN 11
MAXIMUM INSTANTANEOUS,
565 AT 23:20 MST ON JUN 6

SUMMARY FOR THE YEAR 1981

TYPE OF GAUGE - RECORDING
LOCATION - LAT 65 11 10 N
LONG 106 04 30 W
DRAINAGE AREA, 24 000 km²

B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	117	JUL	837 000
FEB	0	AUG	401 000
MAR	0	SEP	322 000
APR	15.6	OCT	242 000
MAY	138 000	NOV	95 300
JUN	1 070 000	DEC	24 500

TOTAL DISCHARGE, 3 140 000 dam³

NORTHWEST TERRITORIES

BACK RIVER BELOW DEEP ROSE LAKE - STATION NO. 10RC001

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1981

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	43.5B	39.4B	36.0B	32.8B	29.6B	27.7B	2 160	1 120	506	387	215B	97.5B	1
2	43.3B	39.2B	35.9B	32.6B	29.5B	27.9B	2 100	1 070	502	381	210B	95.0B	2
3	43.1B	39.0B	35.8B	32.5B	29.4B	28.2B	2 030	1 050	503	382	203B	92.5B	3
4	43.0B	39.0B	35.6B	32.4B	29.1B	28.5B	1 950	1 010	504	386	199B	90.0B	4
5	42.9B	38.9B	35.4B	32.2B	29.0B	28.8B	1 900	986	501	384	194B	88.0B	5
6	42.8B	38.8B	35.3B	32.1B	29.0B	29.6B	1 860	951	501	381	189B	86.0B	6
7	42.5B	38.7B	35.2B	32.0B	28.9B	30.2B	1 870	936	497	376	184B	83.0B	7
8	42.2B	38.5B	35.1B	32.0B	28.8B	31.0B	1 810	917	492	373	180B	81.0B	8
9	42.1B	38.2B	35.0B	31.9B	28.7B	33.5B	1 770	888	491	370	175B	79.0B	9
10	42.1B	38.1B	35.0B	31.8B	28.6B	35.2B	1 710	866	489	369	172B	76.5B	10
11	42.0B	38.0B	34.9B	31.7B	28.5B	39.4B	1 660	832	486	368	168B	75.0B	11
12	42.0B	38.0B	34.9B	31.5B	28.4B	45.7B	1 620	790	487	366	162B	73.0B	12
13	41.9B	37.9B	34.8B	31.4B	28.3B	55.3B	1 580	783	484	364	158B	70.5B	13
14	41.8B	37.8B	34.7B	31.3B	28.2B	74.4B	1 550	767	479	365	153B	69.0B	14
15	41.6B	37.6B	34.6B	31.2B	28.1B	102 B	1 530	746	473	362	149B	67.0B	15
16	41.4B	37.4B	34.5B	31.1B	28.0B	157 B	1 510	726	461	359	147B	65.5B	16
17	41.2B	37.3B	34.4B	31.0B	27.9B	243 B	1 490	700	456	358	142B	63.5B	17
18	41.0B	37.3B	34.2B	31.0B	27.8B	399 B	1 480	679	448	352	138B	62.0B	18
19	40.9B	37.1B	34.1B	30.9B	27.7B	649 B	1 450	654	437	340	134B	60.0B	19
20	40.8B	37.0B	34.0B	30.8B	27.6B	1 170 B	1 440	640	425	314	131B	59.0B	20
21	40.6B	37.0B	33.9B	30.5B	27.5B	2 180 B	1 420	630	418	292	128B	57.0B	21
22	40.4B	36.9B	33.8B	30.3B	27.5B	2 670 B	1 380	619	414	280	124B	56.7B	22
23	40.2B	36.8B	33.7B	30.2B	27.4B	2 770	1 340	605	411	272B	120B	54.5B	23
24	40.1B	36.6B	33.6B	30.1B	27.4B	2 860	1 320	599	406	265B	117B	53.0B	24
25	40.0B	36.5B	33.5B	30.0B	27.4B	2 980	1 300	570	402	259B	115B	51.0B	25
26	40.0B	36.3B	33.4B	30.0B	27.4B	2 750	1 270	559	396	252B	111B	50.0B	26
27	40.0B	36.2B	33.3B	29.9B	27.4B	2 550	1 250	549	393	246B	108B	49.0B	27
28	40.0B	36.1B	33.1B	29.9B	27.4B	2 420	1 230	540	390	240B	105B	47.5B	28
29	39.9B		33.0B	29.8B	27.4B	2 320	1 190	531	389	233B	103B	46.5B	29
30	39.9B		33.0B	29.7B	27.4B	2 250	1 170	520	388	227B	100B	45.0B	30
31	39.6B		32.9B		27.4B		1 150	515		222B		44.0B	31
TOTAL	1 282.8	1 055.6	1 066.6	934.6	872.7	28 985.4	48 490	23 348	13 629	10 125	4 534	2 087.2	TOTAL
MEAN	41.4	37.7	34.4	31.2	28.2	966	1 560	753	454	327	151	67.3	MEAN
MAX	43.5	39.4	36.0	32.8	29.6	2 980	2 160	1 120	506	387	215	97.5	MAX
MIN	39.6	36.1	32.9	29.7	27.4	27.7	1 150	515	388	222	100	44.0	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 374
MAXIMUM DAILY, 2 980 ON JUN 25
MINIMUM DAILY, 27.4B ON MAY 23
MAXIMUM INSTANTANEOUS,
3 050 AT 01:15 CST ON JUN 25

SUMMARY FOR THE YEAR 1981

TYPE OF GAUGE - RECORDING
LOCATION - LAT 66 05 00 N
LONG 96 30 00 W
DRAINAGE AREA, 98 200 km²

B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	111 000	JUL	4 190 000
FEB	91 200	AUG	2 020 000
MAR	92 200	SEP	1 180 000
APR	80 700	OCT	875 000
MAY	75 400	NOV	392 000
JUN	2 500 000	DEC	180 000

TOTAL DISCHARGE, 11 800 000 dam³

BAILLIE RIVER NEAR THE MOUTH - STATION NO. 10RA002

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1981

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	0.007B	0B	0B	0 B	0.022B	468B	132	61.1	29.2	28.1	9.91B	1.87 B	1
2	0.005B	0B	0B	0 B	0.024B	452B	128	58.4	29.8	28.5	9.38B	1.65 B	2
3	0.003B	0B	0B	0 B	0.026B	439B	123	56.8	30.6	30.7	8.99B	1.40 B	3
4	0.001B	0B	0B	0 B	0.028B	425B	123	54.5	31.4	31.2	8.50B	1.18 B	4
5	0 B	0B	0B	0 B	0.030B	403B	126	52.4	33.8	34.9	8.09B	0.980B	5
6	0 B	0B	0B	0 B	0.035B	388B	127	50.6	35.3	36.5	7.65B	0.850B	6
7	0 B	0B	0B	0 B	0.040B	372B	124	49.5	35.0	37.3	7.25B	0.690B	7
8	0 B	0B	0B	0 B	0.045B	358B	118	48.7	33.6	36.1	6.80B	0.580B	8
9	0 B	0B	0B	0 B	0.050B	340B	121	47.5	34.1	35.1	6.51B	0.490B	9
10	0 B	0B	0B	0 B	0.060B	327B	141	48.1	35.2	35.2	6.12B	0.420B	10
11	0 B	0B	0B	0 B	0.070B	311	167	46.5	37.3	34.2	5.80B	0.340B	11
12	0 B	0B	0B	0 B	0.140B	287	182	45.0	40.8	33.6	5.45B	0.280B	12
13	0 B	0B	0B	0 B	0.290B	265	181	44.6	41.6	34.0	5.19B	0.220B	13
14	0 B	0B	0B	0 B	0.780B	234	174	41.0	40.5	33.9	4.91B	0.180B	14
15	0 B	0B	0B	0 B	2.00 B	218	164	40.1	39.5	34.1	4.65B	0.120B	15
16	0 B	0B	0B	0 B	2.51 B	208	155	38.9	38.4	29.0	4.39B	0.090B	16
17	0 B	0B	0B	0 B	3.35 B	201	148	37.9	38.7	26.3B	4.19B	0.060B	17
18	0 B	0B	0B	0 B	7.85 B	194	139	38.3	37.7	24.8B	3.99B	0.050B	18
19	0 B	0B	0B	0 B	10.6 B	188	132	35.7	36.6	23.2B	3.70B	0.030B	19
20	0 B	0B	0B	0 B	30.7 B	181	122	35.5	37.3	22.0B	3.52B	0.020B	20
21	0 B	0B	0B	0.002B	70.8 B	176	115	35.1	36.4	20.2B	3.36B	0.010B	21
22	0 B	0B	0B	0.004B	175 B	177	107	33.6	34.3	18.9B	3.19B	0 B	22
23	0 B	0B	0B	0.006B	320 B	175	99.3	33.4	34.8	17.8B	3.02B	0 B	23
24	0 B	0B	0B	0.008B	373 B	176	92.1	34.1	35.1	16.8B	2.83B	0 B	24
25	0 B	0B	0B	0.010B	440 B	174	86.6	32.5	34.0	15.7B	2.68B	0 B	25
26	0 B	0B	0B	0.012B	477 B	168	80.7	32.6	34.2	14.6B	2.56B	0 B	26
27	0 B	0B	0B	0.014B	492 B	161	77.0	31.9	31.5	13.6B	2.45B	0 B	27
28	0 B	0B	0B	0.016B	499 B	153	74.3	31.4	29.6	12.7B	2.30B	0 B	28
29	0 B		0B	0.018B	495 B	145	70.1	30.6	28.8	11.9B	2.18B	0 B	29
30	0 B		0B	0.020B	490 B	138	67.5	30.1	28.2	11.2B	2.03B	0 B	30
31	0 B		0B		479 B		63.4	29.5		10.6B		0 B	31
TOTAL	0.016	0	0	0.110	4 369.450	7 902	3 760.0	1 285.9	1 043.3	792.7	151.58	11.510	TOTAL
MEAN	0.001	0	0	0.004	141	263	121	41.5	34.8	25.6	5.05	0.371	MEAN
MAX	0.007	0	0	0.020	499	468	182	61.1	41.6	37.3	9.91	1.87	MAX
MIN	0	0	0	0	0.022	138	63.4	29.5	28.2	10.6	2.03	0	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 52.9
MAXIMUM DAILY, 499B ON MAY 28
MINIMUM DAILY, 0B ON JAN 5

SUMMARY FOR THE YEAR 1981

TYPE OF GAUGE - RECORDING
LOCATION - LAT 65 02 30 N
LONG 104 31 30 W

B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	1.38	JUL	325 000
FEB	0	AUG	111 000
MAR	0	SEP	90 100
APR	9.50	OCT	68 500
MAY	378 000	NOV	13 100
JUN	683 000	DEC	994

TOTAL DISCHARGE, 1 670 000 dam³

NORTHWEST TERRITORIES

BAKER CREEK MAIN STEM NEAR YELLOWKNIFE - STATION NO. 07SB009

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1981

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	0B	0B	0B	0 B	0.055B	0.152	0.104	0.020	0.005E	0.010E	0.001B	0.001B	1
2	0B	0B	0B	0 B	0.088B	0.154	0.106	0.018	0.005E	0.013E	0.001B	0.001B	2
3	0B	0B	0B	0 B	0.135B	0.254	0.105	0.018	0.005E	0.020E	0.001B	0.001B	3
4	0B	0B	0B	0 B	0.215B	0.203	0.118	0.026	0.005E	0.018E	0.001B	0.001B	4
5	0B	0B	0B	0 B	0.210B	0.197	0.119	0.017	0.005E	0.015E	0.001B	0.001B	5
6	0B	0B	0B	0 B	0.253B	0.202	0.115	0.010	0.005E	0.013E	0.001B	0.001B	6
7	0B	0B	0B	0 B	0.151B	0.186	0.123	0.010	0.005E	0.010E	0.001B	0.001B	7
8	0B	0B	0B	0 B	0.158B	0.177	0.121	0.011E	0.005E	0.008E	0.001B	0.001B	8
9	0B	0B	0B	0 B	0.167B	0.171	0.118	0.010E	0.005E	0.008E	0.001B	0.001B	9
10	0B	0B	0B	0 B	0.174B	0.162	0.116	0.009E	0.005E	0.011E	0.001B	0.001B	10
11	0B	0B	0B	0 B	0.182B	0.156	0.113	0.009E	0.005E	0.015E	0.001B	0.001B	11
12	0B	0B	0B	0 B	0.184B	0.156	0.100	0.008E	0.005E	0.015E	0.001B	0.001B	12
13	0B	0B	0B	0 B	0.184B	0.146	0.077	0.008E	0.005E	0.019E	0.001B	0.001B	13
14	0B	0B	0B	0 B	0.183B	0.143	0.074	0.007E	0.005E	0.017E	0.001B	0.001B	14
15	0B	0B	0B	0 B	0.215B	0.136	0.071	0.007E	0.005E	0.023E	0.001B	0.001B	15
16	0B	0B	0B	0 B	0.260B	0.137	0.067	0.006E	0.005E	0.026E	0.001B	0.001B	16
17	0B	0B	0B	0 B	0.259B	0.145	0.065	0.006E	0.005E	0.026E	0.001B	0.001B	17
18	0B	0B	0B	0 B	0.258B	0.162	0.063	0.006E	0.005E	0.025E	0.001B	0.001B	18
19	0B	0B	0B	0 B	0.258B	0.159	0.059	0.006E	0.006E	0.022E	0.001B	0.001B	19
20	0B	0B	0B	0 B	0.174E	0.155	0.056	0.006E	0.006E	0.016B	0.001B	0.001B	20
21	0B	0B	0B	0 B	0.211E	0.144	0.052	0.006E	0.006E	0.010B	0.001B	0.001B	21
22	0B	0B	0B	0 B	0.214E	0.139	0.048	0.006E	0.006E	0.008B	0.001B	0.001B	22
23	0B	0B	0B	0 B	0.194	0.134	0.043	0.006E	0.006E	0.006B	0.001B	0.001B	23
24	0B	0B	0B	0 B	0.171	0.130	0.039	0.006E	0.006E	0.004B	0.001B	0.001B	24
25	0B	0B	0B	0.002B	0.160	0.126	0.036	0.006E	0.006E	0.003B	0.001B	0.001B	25
26	0B	0B	0B	0.006B	0.154	0.119	0.035	0.005E	0.006E	0.003B	0.001B	0.001B	26
27	0B	0B	0B	0.018B	0.151	0.117	0.033	0.005E	0.006E	0.002B	0.001B	0.001B	27
28	0B	0B	0B	0.025B	0.152	0.151	0.030	0.005E	0.007E	0.002B	0.001B	0.001B	28
29	0B		0B	0.032B	0.147	0.093	0.025	0.005E	0.008E	0.002B	0.001B	0.001B	29
30	0B		0B	0.040B	0.149	0.105	0.025	0.005E	0.008E	0.001B	0.001B	0.001B	30
31	0B		0B		0.148		0.023	0.005E		0.001B		0.001B	31
TOTAL	0	0	0	0.123	5.614	4.611	2.279	0.278	0.167	0.372	0.030	0.031	TOTAL
MEAN	0	0	0	0.004	0.181	0.154	0.074	0.009	0.006	0.012	0.001	0.001	MEAN
MAX	0	0	0	0.040	0.260	0.254	0.123	0.026	0.008	0.026	0.001	0.001	MAX
MIN	0	0	0	0	0.055	0.093	0.023	0.005	0.005	0.001	0.001	0.001	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.037
MAXIMUM DAILY, 0.260B ON MAY 16
MINIMUM DAILY, 0B ON JAN 1

SUMMARY FOR THE YEAR 1981

TYPE OF GAUGE - RECORDING
LOCATION - LAT 62 30 35 N
LONG 114 21 49 W
DRAINAGE AREA, 144 km²

B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	0	JUL	197
FEB	0	AUG	24.0
MAR	0	SEP	14.4
APR	10.6	OCT	32.1
MAY	485	NOV	2.59
JUN	398	DEC	2.68

TOTAL DISCHARGE, 1 170 dam³

BAKER LAKE AT BAKER LAKE - STATION NO. 06HA001

DAILY WATER LEVEL IN METRES FOR 1981

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	7.792E	7.576	7.434	7.490	7.571	8.344	8.035	7.797	7.723	7.564	7.599	1
2	---	7.775E	7.572	7.431	7.491	7.629	8.359	8.024	7.970	7.737	7.528	7.599	2
3	---	7.758E	7.592	7.459	7.474	7.644	8.368	8.037	7.967	7.828	7.511	7.597	3
4	---	7.741A	7.601	7.480	7.483	7.658	8.391	8.036	7.918	7.908	7.497	7.597	4
5	---	7.724	7.616	7.500	7.496	7.682	8.403	8.015	7.885	7.868	7.477	7.569	5
6	---	7.699	7.606	7.499	7.505	7.707	8.381	7.967	7.834	7.848	7.498	7.554	6
7	---	7.677	7.594	7.520	7.500	7.725	8.362	7.939	7.777	7.858	7.497	7.537	7
8	---	7.656	7.566	7.528	7.493	7.760	8.331	7.900	7.722	7.827	7.473	7.531	8
9	---	7.665	7.554	7.529	7.487	7.793	8.363	7.879	7.692	7.779	7.468	7.555	9
10	---	7.688	7.538	7.527	7.483	7.841	8.348	7.843	7.704	7.733	7.449	7.573	10
11	---	7.703	7.537	7.540	7.474	7.894	8.329	7.725	7.729	7.713	7.394	7.582	11
12	---	7.674	7.538	7.529	7.478	7.922	8.258	7.688	7.770	7.704	7.404	7.589	12
13	---	7.642	7.554	7.479	7.468	7.946	8.191	7.705	7.825	7.725	7.457	7.616	13
14	---	7.541	7.577	7.437	7.453	7.979	8.134	7.727	7.851	7.746	7.529	7.639	14
15	---	7.514	7.591	7.415	7.451	8.016	8.096	7.760	7.847	7.754	7.558	7.642	15
16	---	7.521	7.587	7.382	7.452	8.054	8.069	7.749	7.857	7.777	7.552	7.629	16
17	---	7.559	7.579	7.382	7.438	8.116	8.049	7.782	7.852	7.760	7.542	7.604	17
18	---	7.596	7.591	7.399	7.444	8.205	8.029	7.771	7.820	7.710	7.517	7.597	18
19	---	7.615	7.608	7.423	7.450	8.263	7.985	7.787	7.871A	7.633	7.501	7.573	19
20	---	7.619	7.610	7.428	7.473	8.321	8.025	7.833	7.860E	7.581	7.499	7.540	20
21	---	7.620	7.604	7.446	7.480	8.377	8.057	7.846	7.840E	7.468	7.521	7.528	21
22	---	7.642	7.597	7.462	7.502	8.397	8.022	7.865	7.820E	7.419	7.525	7.533	22
23	---	7.672	7.594	7.463	7.513	8.412	7.996	7.858	7.770A	7.443	7.535	7.534	23
24	---	7.703	7.587	7.472	7.508	8.404	7.975	7.800	7.745	7.452	7.584	7.539	24
25	---	7.722	7.557	7.491	7.482	8.388	7.973	7.730	7.633	7.523	7.619	7.574	25
26	---	7.720	7.538	7.496	7.485	8.361	7.968	7.697	7.582	7.572	7.642	7.631	26
27	---	7.671	7.530	7.499	7.482	8.342	7.980	7.685	7.575	7.567	7.629	7.649	27
28	---	7.612	7.512	7.486	7.481	8.318	8.006	7.700	7.615	7.557	7.630	7.662	28
29	---		7.479	7.488	7.471	8.320	8.026	7.711	7.667	7.617	7.629	7.693	29
30	---		7.473	7.490	7.491	8.331	8.039	7.744	7.698	7.630	7.603	7.751	30
31	---		7.463		7.515		8.058	7.776		7.631		7.762	31
MEAN	---	7.661	7.565	7.470	7.480	8.046	8.159	7.826	7.783	7.680	7.528	7.599	MEAN
MAX	---	7.792	7.616	7.540	7.515	8.412	8.403	8.037	7.970	7.908	7.642	7.762	MAX
MIN	---	7.514	7.463	7.382	7.438	7.571	7.968	7.685	7.575	7.419	7.394	7.528	MIN

WATER LEVELS IN METRES

MAXIMUM DAILY, 8.412 ON JUN 23
MINIMUM DAILY, 7.382 ON APR 16
MAXIMUM INSTANTANEOUS,
8.450 AT 15:29 CST ON JUN 23

WATER LEVELS ARE REFERRED TO ASSUMED DATUM

SUMMARY FOR THE YEAR 1981

TYPE OF GAUGE - RECORDING
LOCATION - LAT 64 19 10 N
LONG 96 01 50 W

A - MANUAL GAUGE

E - ESTIMATED

NATURAL FLOW

NORTHWEST TERRITORIES

BIG RIVER ABOVE EGG RIVER - STATION NO. 10TB001

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1981

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	0B	0B	0B	0B	0B	0 B	23.6	5.75	6.06	13.0 B	0.300B	0B	1
2	0B	0B	0B	0B	0B	0 B	25.4	5.55	6.64	11.6 B	0.130B	0B	2
3	0B	0B	0B	0B	0B	0 B	26.9	5.69	6.41	10.5 B	0.050B	0B	3
4	0B	0B	0B	0B	0B	0 B	24.2	7.80	5.82	9.50 B	0 B	0B	4
5	0B	0B	0B	0B	0B	0 B	21.3	8.84	5.89	8.60 B	0 B	0B	5
6	0B	0B	0B	0B	0B	0 B	19.3	9.64	4.90	7.80 B	0 B	0B	6
7	0B	0B	0B	0B	0B	0.050B	19.9	9.10	4.80	7.10 B	0 B	0B	7
8	0B	0B	0B	0B	0B	0.100B	17.7	8.12	5.93	6.50 B	0 B	0B	8
9	0B	0B	0B	0B	0B	2.20 B	15.9	7.24	4.83	5.90 B	0 B	0B	9
10	0B	0B	0B	0B	0B	4.80 B	14.6	6.48	5.48	5.40 B	0 B	0B	10
11	0B	0B	0B	0B	0B	6.00 B	13.8	5.72	5.57	5.00 B	0 B	0B	11
12	0B	0B	0B	0B	0B	18.0 B	13.1	5.62	4.44	4.60 B	0 B	0B	12
13	0B	0B	0B	0B	0B	40.0 B	12.7	5.26	4.58	4.20 B	0 B	0B	13
14	0B	0B	0B	0B	0B	68.0 B	12.9	5.16	4.72	3.85 B	0 B	0B	14
15	0B	0B	0B	0B	0B	100 B	13.2	5.03	4.62	3.55 B	0 B	0B	15
16	0B	0B	0B	0B	0B	105 B	12.4	7.15	12.4	3.30 B	0 B	0B	16
17	0B	0B	0B	0B	0B	110 B	12.1	12.6	73.9	3.05 B	0 B	0B	17
18	0B	0B	0B	0B	0B	121 B	11.1	15.8	60.0	2.80 B	0 B	0B	18
19	0B	0B	0B	0B	0B	136 E	9.67	15.8	41.5	2.60 B	0 B	0B	19
20	0B	0B	0B	0B	0B	123 E	9.24	13.4	43.9 B	2.43 B	0 B	0B	20
21	0B	0B	0B	0B	0B	100 E	9.28	11.7	39.0 B	2.25 B	0 B	0B	21
22	0B	0B	0B	0B	0B	89.0 E	10.6	9.78	34.5 B	2.12 B	0 B	0B	22
23	0B	0B	0B	0B	0B	61.0 E	10.8	9.91	30.5 B	1.92 B	0 B	0B	23
24	0B	0B	0B	0B	0B	42.4 E	9.38	10.1	27.3 B	1.67 B	0 B	0B	24
25	0B	0B	0B	0B	0B	33.0 E	8.61	11.4	24.5 B	1.45 B	0 B	0B	25
26	0B	0B	0B	0B	0B	30.3 A	7.91	10.9	22.0 B	1.20 B	0 B	0B	26
27	0B	0B	0B	0B	0B	29.1	7.21	9.34	19.5 B	1.02 B	0 B	0B	27
28	0B	0B	0B	0B	0B	26.7	6.75	8.07	17.6 B	0.850B	0 B	0B	28
29	0B		0B	0B	0B	24.3	6.40	7.12	15.8 B	0.700B	0 B	0B	29
30	0B		0B	0B	0B	24.5	5.97	5.47	14.3 B	0.530B	0 B	0B	30
31	0B		0B		0B		5.95	8.16		0.420B		0B	31
TOTAL	0	0	0	0	0	1 294.450	417.87	267.70	557.39	135.410	0.480	0	TOTAL
MEAN	0	0	0	0	0	43.1	13.5	8.64	18.6	4.37	0.016	0	MEAN
MAX	0	0	0	0	0	136	26.9	15.8	73.9	13.0	0.300	0	MAX
MIN	0	0	0	0	0	0	5.95	5.03	4.44	0.420	0	0	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 7.32
MAXIMUM DAILY, 136E ON JUN 19
MINIMUM DAILY, 0B ON JAN 1

SUMMARY FOR THE YEAR 1981

TYPE OF GAUGE - RECORDING
LOCATION - LAT 72 28 40 N
LONG 123 24 30 W
DRAINAGE AREA, 3 650 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	0	JUL	36 100
FEB	0	AUG	23 100
MAR	0	SEP	48 200
APR	0	OCT	11 700
MAY	0	NOV	41.5
JUN	112 000	DEC	0

TOTAL DISCHARGE, 231 000 dam³

BIG SMITH CREEK NEAR MACKENZIE HIGHWAY - STATION NO. 10HC003

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1981

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	---	---	---	5.26	3.25	1.79	0.910	1.62	2.34 B	0.570B	1
2	---	---	---	---	---	4.94	4.88	1.71	0.911	3.16	2.22 B	0.550B	2
3	---	---	---	---	---	4.80	7.57	1.60	0.891	6.03	2.10 B	0.540B	3
4	---	---	---	---	---	4.58	10.0	1.72	0.885	8.14	1.99 B	0.520B	4
5	---	---	---	---	---	4.44	10.5	1.74	0.849	6.78	1.89 B	0.510B	5
6	---	---	---	---	---	4.30	9.33	1.73	0.881	6.62	1.78 B	0.500B	6
7	---	---	---	---	---	4.05	8.33	1.71	0.863	6.33	1.68 B	0.490B	7
8	---	---	---	---	---	4.05	7.48	1.62	0.851	5.88	1.59 B	0.490B	8
9	---	---	---	---	---	3.73	6.45	1.41	0.857	5.51	1.50 B	0.490B	9
10	---	---	---	---	---	3.43	5.63	1.46	0.867	5.00	1.41 B	0.480B	10
11	---	---	---	---	---	3.14	5.10	1.39	0.853	4.58	1.33 B	0.480B	11
12	---	---	---	---	13.4 A	2.88	4.52	1.35	0.836	4.22	1.26 B	0.480B	12
13	---	---	---	---	12.2	2.65	3.89	1.31	0.847	4.02	1.17 B	0.470B	13
14	---	---	---	---	11.3	2.51	3.50	1.20	0.860	3.87	1.13 B	0.470B	14
15	---	---	---	---	11.1	2.31	3.14	1.18	0.857	4.12	1.06 B	0.460B	15
16	---	---	---	---	10.7	2.15	2.76	1.12	0.865	4.97	1.01 B	0.460B	16
17	---	---	---	---	9.85	2.06	2.61	1.02	0.853	5.06	0.980B	0.450B	17
18	---	---	---	---	9.41	1.96	2.44	1.06	0.838	4.76B	0.906B	0.450B	18
19	---	---	---	---	8.66	1.86	2.38	1.03	0.828	4.53B	0.880B	0.440B	19
20	---	---	---	---	8.92	1.79	2.32	0.996	0.832	4.32B	0.850B	0.440B	20
21	---	---	---	---	9.04	1.66	2.17	0.993	0.861	4.10B	0.800B	0.430B	21
22	---	---	---	---	8.69	1.69	2.09	0.991	0.971	3.90B	0.780B	0.430B	22
23	---	---	---	---	8.87	2.00	2.05	0.980	1.10	3.70B	0.750B	0.430B	23
24	---	---	---	---	10.2	2.23	1.97	0.964	1.07	3.50B	0.720B	0.420B	24
25	---	---	---	---	10.3	2.61	1.85	0.968	1.09	3.35B	0.690B	0.420B	25
26	---	---	---	---	9.81	2.53	1.74	0.940	1.03	3.18B	0.670B	0.420B	26
27	---	---	---	---	8.75	2.49	1.67	0.925	1.01	3.02B	0.640B	0.420B	27
28	---	---	---	---	7.71	2.49	1.66	0.917	1.04	2.86B	0.620B	0.420B	28
29	---		---	---	7.13	2.54	1.60	0.906	1.08	2.73B	0.600B	0.410B	29
30	---		---	---	6.62	2.69	1.60	0.900	1.30	2.60B	0.590B	0.410B	30
31	---		---		5.68		1.77	0.904		2.47B		0.410B	31
TOTAL	---	---	---	---	---	89.82	126.25	38.534	27.786	134.93	35.936	14.360	TOTAL
MEAN	---	---	---	---	---	2.99	4.07	1.24	0.926	4.35	1.20	0.463	MEAN
MAX	---	---	---	---	---	5.26	10.5	1.79	1.30	8.14	2.34	0.570	MAX
MIN	---	---	---	---	---	1.66	1.60	0.900	0.828	1.62	0.590	0.410	MIN

SUMMARY FOR THE YEAR 1981

TYPE OF GAUGE - RECORDING
LOCATION - LAT 64 36 17 N
LONG 124 47 49 W
DRAINAGE AREA, 938 km²
A - MANUAL GAUGE
B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	10 900
FEB	---	AUG	3 330
MAR	---	SEP	2 400
APR	---	OCT	11 700
MAY	---	NOV	3 100
JUN	7 760	DEC	1 240

BIRCH RIVER AT FORT LIARD HIGHWAY - STATION NO. 10ED003

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1981

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	0.002B	0.002B	0.002B	0.002B	0.097B	1.53	0.086	0.015	0.566	0.810E	1.65 B	0.230B	1
2	0.002B	0.002B	0.002B	0.002B	0.650B	1.34	0.076	0.011	0.727	0.872A	1.45 B	0.230B	2
3	0.002B	0.002B	0.002B	0.002B	3.50 B	1.16	0.066	0.009	1.02	1.04	1.30 B	0.225B	3
4	0.002B	0.002B	0.002B	0.002B	20.0 B	1.06	0.072	0.009	1.12	1.53	1.15 B	0.220B	4
5	0.002B	0.002B	0.002B	0.002B	60.0 B	0.943	0.073	0.008	1.12	1.65	1.00 B	0.220B	5
6	0.002B	0.002B	0.002B	0.002B	34.1 B	1.07	0.077	0.008	1.17	1.61	0.900B	0.215B	6
7	0.002B	0.002B	0.002B	0.002B	47.3	0.804	0.100	0.008	1.21	1.57	0.800B	0.210B	7
8	0.002B	0.002B	0.002B	0.002B	40.0	0.803	0.109	0.008	1.07	1.58	0.700B	0.210B	8
9	0.002B	0.002B	0.002B	0.002B	32.4	0.812	0.108	0.007	0.896	1.87	0.620B	0.205B	9
10	0.002B	0.002B	0.002B	0.002B	26.6	0.798	0.097	0.008	0.918	2.20	0.550B	0.205B	10
11	0.002B	0.002B	0.002B	0.002B	22.5	0.740	0.084	0.006	0.997	2.57	0.500B	0.200B	11
12	0.002B	0.002B	0.002B	0.002B	19.3	0.642	0.071	0.005	1.16	2.76	0.460B	0.195B	12
13	0.002B	0.002B	0.002B	0.002B	17.1	0.568	0.072	0.005	1.15	2.98	0.420B	0.190B	13
14	0.002B	0.002B	0.002B	0.002B	15.5	0.505	0.069	0.004	1.15	3.06	0.390B	0.185B	14
15	0.002B	0.002B	0.002B	0.002B	14.2	0.451	0.049	0.004	0.926	3.09	0.350B	0.175B	15
16	0.002B	0.002B	0.002B	0.002B	12.8	0.392	0.040	0.004	0.762	3.30	0.340B	0.170B	16
17	0.002B	0.002B	0.002B	0.002B	10.9	0.369	0.031	0.004	0.648A	3.53	0.330B	0.160B	17
18	0.002B	0.002B	0.002B	0.002B	9.49	0.330	0.022	0.004	0.620E	3.56	0.320B	0.150B	18
19	0.002B	0.002B	0.002B	0.002B	8.49	0.276	0.016	0.003	0.600E	3.68	0.310B	0.150B	19
20	0.002B	0.002B	0.002B	0.002B	7.55	0.248	0.014	0.003	0.590E	3.01 B	0.300B	0.140B	20
21	0.002B	0.002B	0.002B	0.002B	6.61	0.211	0.017	0.003	0.600E	2.30 B	0.290B	0.140B	21
22	0.002B	0.002B	0.002B	0.005B	5.89	0.196	0.053	0.002	0.610E	2.47 B	0.280B	0.130B	22
23	0.002B	0.002B	0.002B	0.010B	5.19	0.180	0.052	0.002	0.620E	1.63 B	0.270B	0.130B	23
24	0.002B	0.002B	0.002B	0.015B	4.46	0.154	0.074	0.001	0.640E	0.938B	0.260B	0.120B	24
25	0.002B	0.002B	0.002B	0.020B	3.89	0.138	0.072	0.001	0.650E	0.711B	0.250B	0.110B	25
26	0.002B	0.002B	0.002B	0.025B	3.45	0.139	0.055	0.001	0.670E	0.989B	0.250B	0.110B	26
27	0.002B	0.002B	0.002B	0.032B	2.95	0.149	0.074	0.002	0.700E	1.54 B	0.245B	0.100B	27
28	0.002B	0.002B	0.002B	0.045B	2.59	0.158	0.062	0.030	0.730E	1.53 B	0.245B	0.100B	28
29	0.002B		0.002B	0.060B	2.30	0.119	0.046	0.036	0.750E	1.91 B	0.240B	0.090B	29
30	0.002B		0.002B	0.070B	2.01	0.108	0.030	0.078	0.780E	1.85 B	0.235B	0.090B	30
31	0.002B		0.002B		1.76		0.024	0.126		1.80 B		0.080B	31
TOTAL	0.062	0.056	0.062	0.324	443.577	16.393	1.891	0.415	25.170	63.940	16.405	5.085	TOTAL
MEAN	0.002	0.002	0.002	0.011	14.3	0.546	0.061	0.013	0.839	2.06	0.547	0.164	MEAN
MAX	0.002	0.002	0.002	0.070	60.0	1.53	0.109	0.126	1.21	3.68	1.65	0.230	MAX
MIN	0.002	0.002	0.002	0.002	0.097	0.108	0.014	0.001	0.566	0.711	0.235	0.080	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 1.57
MAXIMUM DAILY, 60.0B ON MAY 5
MINIMUM DAILY, 0.001 ON AUG 24

SUMMARY FOR THE YEAR 1981

TYPE OF GAUGE - RECORDING
LOCATION - LAT 61 20 10 N
LONG 122 05 20 W
DRAINAGE AREA, 505 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	5.36	JUL	163
FEB	4.84	AUG	35.9
MAR	5.36	SEP	2 170
APR	28.0	OCT	5 520
MAY	38 300	NOV	1 420
JUN	1 420	DEC	439

TOTAL DISCHARGE, 49 500 dam³

BLACK LABEL CREEK NEAR DISMAL LAKES - STATION NO. 10PC002

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1981

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	---	---	---	5.75	---	---	1.60	1.75	0.130B	0B	1
2	---	---	---	---	---	5.95	---	---	1.48	2.72	0.090B	0B	2
3	---	---	---	---	---	7.23	2.93	---	1.44	2.33	0.040B	0B	3
4	---	---	---	---	---	5.94	6.17	---	1.34	2.06	0 B	0B	4
5	---	---	---	---	---	5.29	6.14	---	1.12	2.00	0 B	0B	5
6	---	---	---	---	---	5.97	4.30	---	1.16	1.90 B	0 B	0B	6
7	---	---	---	---	---	6.76	3.99	---	1.24	1.78 B	0 B	0B	7
8	---	---	---	---	---	6.89	3.25	---	2.50	1.65 B	0 B	0B	8
9	---	---	---	---	---	5.54	3.54	---	6.03	1.53 B	0 B	0B	9
10	---	---	---	---	---	4.54	3.25	---	6.18	1.45 B	0 B	0B	10
11	---	---	---	---	---	3.86	2.52	---	4.96	1.35 B	0 B	0B	11
12	---	---	---	---	---	3.38	2.00	---	5.28	1.25 B	0 B	0B	12
13	---	---	---	---	---	2.95	1.67	---	4.59	1.18 B	0 B	0B	13
14	---	---	---	---	---	2.48	1.34	---	3.86	1.10 B	0 B	0B	14
15	---	---	---	---	---	2.24	1.12	---	3.12	1.01 B	0 B	0B	15
16	---	---	---	---	---	2.12	0.992	---	2.89	0.900B	0 B	0B	16
17	---	---	---	---	---	2.09	0.897	---	2.04	0.880B	0 B	0B	17
18	---	---	---	---	---	1.94	0.772	---	1.85	0.820B	0 B	0B	18
19	---	---	---	---	---	1.86	0.637	0.523	1.91	0.760B	0 B	0B	19
20	---	---	---	---	---	2.18	0.536	0.567	2.05	0.700B	0 B	0B	20
21	---	---	---	---	---	2.44	0.499	0.608	2.10	0.640B	0 B	0B	21
22	---	---	---	---	---	---	0.398	0.658	1.37	0.600B	0 B	0B	22
23	---	---	---	---	---	---	0.306	0.738	1.36	0.530B	0 B	0B	23
24	---	---	---	---	---	---	0.262	0.829	1.50	0.490B	0 B	0B	24
25	---	---	---	---	---	---	0.211	0.950	1.47	0.440B	0 B	0B	25
26	---	---	---	---	---	---	0.172	1.08	1.45	0.390B	0 B	0B	26
27	---	---	---	---	---	---	0.115	1.15	1.54	0.340B	0 B	0B	27
28	---	---	---	---	---	---	0.090	1.39	1.44	0.300B	0 B	0B	28
29	---		---	---	6.36	---	0.083	1.62	1.49	0.250B	0 B	0B	29
30	---		---	---	5.63	---	0.144	1.78	1.37	0.200B	0 B	0B	30
31	---		---		5.60		---	1.75		0.170B		0B	31
TOTAL	---	---	---	---	---	---	---	---	71.73	33.470	0.260	0	TOTAL
MEAN	---	---	---	---	---	---	---	---	2.39	1.08	0.009	0	MEAN
MAX	---	---	---	---	---	---	---	---	6.18	2.72	0.130	0	MAX
MIN	---	---	---	---	---	---	---	---	1.12	0.170	0	0	MIN

SUMMARY FOR THE YEAR 1981

TYPE OF GAUGE - RECORDING
LOCATION - LAT 67 12 45 N
LONG 116 36 27 W

B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	---
FEB	---	AUG	---
MAR	---	SEP	6 200
APR	---	OCT	2 890
MAY	---	NOV	22.5
JUN	---	DEC	0

NORTHWEST TERRITORIES

BOOT CREEK NEAR INUVIK - STATION NO. 10LC010

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1981

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	0B	0B	0B	0B	0 B	0.616	0.125	0.164	0.076	0.052B	0.007B	0B	1
2	0B	0B	0B	0B	0 B	0.558	0.137	0.156	0.075	0.053B	0.006B	0B	2
3	0B	0B	0B	0B	0 B	0.507	0.134	0.149	0.074	0.055B	0.005B	0B	3
4	0B	0B	0B	0B	0 B	0.467	0.131	0.141	0.070	0.059B	0.004B	0B	4
5	0B	0B	0B	0B	0 B	0.440	0.131	0.136	0.069	0.062B	0.004B	0B	5
6	0B	0B	0B	0B	0.001B	0.411	0.145	0.126	0.066	0.062B	0.003B	0B	6
7	0B	0B	0B	0B	0.005B	0.385	0.144	0.121	0.065	0.058B	0.003B	0B	7
8	0B	0B	0B	0B	0.033B	0.359	0.141	0.118	0.062	0.055B	0.002B	0B	8
9	0B	0B	0B	0B	0.135B	0.332	0.137	0.115	0.060	0.052B	0.002B	0B	9
10	0B	0B	0B	0B	0.097B	0.309	0.132	0.120	0.059	0.049B	0.001B	0B	10
11	0B	0B	0B	0B	0.098B	0.284	0.137	0.123	0.058	0.046B	0.001B	0B	11
12	0B	0B	0B	0B	0.104B	0.254	0.147	0.123	0.054	0.044B	0.001B	0B	12
13	0B	0B	0B	0B	0.106B	0.228	0.151	0.123	0.052	0.040B	0.001B	0B	13
14	0B	0B	0B	0B	0.107B	0.204	0.148	0.122	0.050	0.039B	0.001B	0B	14
15	0B	0B	0B	0B	0.088B	0.187	0.145	0.119	0.050	0.036B	0 B	0B	15
16	0B	0B	0B	0B	0.073B	0.175	0.142	0.116	0.052	0.033B	0 B	0B	16
17	0B	0B	0B	0B	0.900B	0.161	0.154	0.110	0.052	0.030B	0 B	0B	17
18	0B	0B	0B	0B	2.15 B	0.150	0.203	0.106	0.053	0.027B	0 B	0B	18
19	0B	0B	0B	0B	3.40 B	0.140	0.224	0.102	0.054	0.025B	0 B	0B	19
20	0B	0B	0B	0B	4.40 B	0.132	0.232	0.099	0.055	0.024B	0 B	0B	20
21	0B	0B	0B	0B	4.59 B	0.128	0.242	0.094	0.056	0.022B	0 B	0B	21
22	0B	0B	0B	0B	4.08 B	0.126	0.245	0.093	0.053	0.021B	0 B	0B	22
23	0B	0B	0B	0B	3.60 B	0.132	0.233	0.091	0.053	0.019B	0 B	0B	23
24	0B	0B	0B	0B	3.36	0.121	0.221	0.088	0.053	0.017B	0 B	0B	24
25	0B	0B	0B	0B	2.47	0.110	0.216	0.089	0.052	0.015B	0 B	0B	25
26	0B	0B	0B	0B	1.74	0.101	0.213	0.085	0.051	0.014B	0 B	0B	26
27	0B	0B	0B	0B	1.26	0.096	0.208	0.082	0.050	0.012B	0 B	0B	27
28	0B	0B	0B	0B	1.01	0.094	0.201	0.079	0.050	0.011B	0 B	0B	28
29	0B		0B	0B	0.884	0.093	0.190	0.078	0.051	0.010B	0 B	0B	29
30	0B		0B	0B	0.772	0.107	0.181	0.077	0.051	0.008B	0 B	0B	30
31	0B		0B		0.686		0.174	0.077		0.008B		0B	31
TOTAL	0	0	0	0	36.149	7.407	5.364	3.422	1.726	1.058	0.041	0	TOTAL
MEAN	0	0	0	0	1.17	0.247	0.173	0.110	0.058	0.034	0.001	0	MEAN
MAX	0	0	0	0	4.59	0.616	0.245	0.164	0.076	0.062	0.007	0	MAX
MIN	0	0	0	0	0	0.093	0.125	0.077	0.050	0.008	0	0	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.151
MAXIMUM DAILY, 4.59B ON MAY 21
MINIMUM DAILY, 0B ON JAN 1

SUMMARY FOR THE YEAR 1981

TYPE OF GAUGE - RECORDING
LOCATION - LAT 68 21 23 N
LONG 133 40 15 W

B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	0	JUL	463
FEB	0	AUG	296
MAR	0	SEP	149
APR	0	OCT	91.4
MAY	3 120	NOV	3.54
JUN	640	DEC	0

TOTAL DISCHARGE, 4 760 dam³

BOSWORTH CREEK AT NORMAN WELLS - STATION NO. 10KA003

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1981

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	---	---	---	0.644	1.57	0.496	0.227	0.436	0.292B	0.071B	1
2	---	---	---	---	---	0.752	1.58	0.471	0.210	0.565	0.286B	0.065B	2
3	---	---	---	---	---	0.733	1.57	0.722	0.216	0.555	0.280B	0.059B	3
4	---	---	---	---	---	0.651	1.43	0.793	0.221	0.510B	0.275B	0.055B	4
5	---	---	---	---	---	0.601	1.31	0.751	0.209	0.499B	0.268B	0.050B	5
6	---	---	---	---	---	0.539	1.19	0.696	0.228	0.487B	0.262B	0.047B	6
7	---	---	---	---	---	0.487	1.07	0.646	0.270	0.475B	0.255B	0.043B	7
8	---	---	---	---	---	0.457	0.962	0.606	0.238	0.468B	0.249B	0.040B	8
9	---	---	---	---	1.80	0.423	0.888	0.581	0.220	0.453B	0.242B	0.037B	9
10	---	---	---	---	1.72	0.375	0.823	0.504	0.234	0.445B	0.235B	0.034B	10
11	---	---	---	---	1.61	0.337	0.767	0.480	0.270	0.433B	0.227B	0.032B	11
12	---	---	---	---	1.32	0.306	0.769	0.454	0.272	0.423B	0.220B	0.029B	12
13	---	---	---	---	1.26	0.272	0.717	0.447	0.259	0.413B	0.211B	0.027B	13
14	---	---	---	---	1.33	0.228	0.684	0.440	0.261	0.405B	0.203B	0.025B	14
15	---	---	---	---	1.58	0.188	0.631	0.414	0.351	0.397B	0.195B	0.024B	15
16	---	---	---	---	1.45	0.151	0.606	0.398	0.256	0.388B	0.187B	0.022B	16
17	---	---	---	---	1.27	0.133	0.596	0.393	0.261	0.380B	0.178B	0.021B	17
18	---	---	---	---	1.25	0.105	0.603	0.393	0.325	0.375B	0.170B	0.017B	18
19	---	---	---	---	1.72	0.087	0.641	0.355	0.322	0.366B	0.162B	0.013B	19
20	---	---	---	---	2.11	0.076	0.578	0.353	0.277	0.359B	0.153B	0.009B	20
21	---	---	---	---	1.63	0.056	0.573	0.355	0.303	0.352B	0.145B	0.006B	21
22	---	---	---	---	1.42	0.052	0.579	0.335	0.297	0.348B	0.137B	0.005B	22
23	---	---	---	---	1.36	0.429	0.541	0.300	0.280	0.340B	0.128B	0.004B	23
24	---	---	---	---	1.22	7.26	0.508	0.291	0.276	0.334B	0.120B	0.003B	24
25	---	---	---	---	1.10	4.05	0.475	0.312	0.273	0.328B	0.113B	0.002B	25
26	---	---	---	---	0.967	2.84	0.434	0.306	0.289	0.323B	0.106B	0.001B	26
27	---	---	---	---	0.885	2.40	0.460	0.292	0.315	0.316B	0.100B	0 B	27
28	---	---	---	---	0.806	2.13	0.452	0.267	0.275	0.311B	0.093B	0 B	28
29	---		---	---	0.749	1.89	0.424	0.251	0.332	0.306B	0.086B	0 B	29
30	---		---	---	0.724	1.72	0.456	0.226	0.356	0.301B	0.078B	0 B	30
31	---		---		0.662		0.526	0.242		0.299B		0 B	31
TOTAL	---	---	---	---	---	30.370	24.409	13.570	8.123	12.390	5.656	0.741	TOTAL
MEAN	---	---	---	---	---	1.01	0.787	0.438	0.271	0.400	0.189	0.024	MEAN
MAX	---	---	---	---	---	7.26	1.58	0.793	0.356	0.565	0.292	0.071	MAX
MIN	---	---	---	---	---	0.052	0.424	0.226	0.209	0.299	0.078	0	MIN

SUMMARY FOR THE YEAR 1981

TYPE OF GAUGE - RECORDING
LOCATION - LAT 65 19 41 N
LONG 126 52 12 W
DRAINAGE AREA, 123 km²

B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	2 110
FEB	---	AUG	1 170
MAR	---	SEP	702
APR	---	OCT	1 070
MAY	---	NOV	489
JUN	2 620	DEC	64.0

BUFFALO RIVER AT HIGHWAY NO. 5 - STATION NO. 07PA001

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1981

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	0B	0B	0B	0 B	27.0B	75.5	56.8	22.9	17.9	21.7	0.571B	0.074B	1
2	0B	0B	0B	0 B	39.2B	72.1	55.3	22.1	10.6	25.7	0.567B	0.072B	2
3	0B	0B	0B	0 B	34.5E	69.6	51.3	30.2	9.78	28.5	0.560B	0.069B	3
4	0B	0B	0B	0 B	25.2E	64.1	62.3	28.7	13.8	23.3	0.542B	0.066B	4
5	0B	0B	0B	0 B	36.0E	62.0	61.1	15.7	12.7	18.5	0.523B	0.063B	5
6	0B	0B	0B	0 B	48.2E	68.1	44.2	20.3	8.18	11.1	0.505B	0.060B	6
7	0B	0B	0B	0 B	59.7A	66.7	45.5	28.4	6.15	5.56	0.486B	0.058B	7
8	0B	0B	0B	0 B	60.9	65.3	41.7	28.8	9.48	3.61	0.468B	0.055B	8
9	0B	0B	0B	0 B	64.9	60.7	31.8	28.6	11.8	2.93	0.449B	0.052B	9
10	0B	0B	0B	0 B	70.0	56.4	36.5	32.6	8.95	2.57	0.431B	0.051B	10
11	0B	0B	0B	0 B	74.3	54.5	37.4 E	20.2	8.36	2.38	0.412B	0.050B	11
12	0B	0B	0B	0 B	74.2	53.4	38.9 E	19.3	13.1	2.22	0.394B	0.049B	12
13	0B	0B	0B	0 B	75.5	57.8	37.2 E	18.4	7.65	12.3	0.375B	0.048B	13
14	0B	0B	0B	0 B	77.5	51.5	36.0 E	25.8	12.2	11.2	0.359B	0.047B	14
15	0B	0B	0B	0 B	82.1	56.6	35.0 A	25.9	15.5	11.0	0.338B	0.045B	15
16	0B	0B	0B	0 B	81.3	45.1	38.1	26.6	7.87	11.0	0.320B	0.044B	16
17	0B	0B	0B	0 B	81.5	53.2	37.7	32.2	10.7	7.72	0.301B	0.043B	17
18	0B	0B	0B	0 B	80.7	53.9	36.1	23.7	14.8	5.60	0.283B	0.042B	18
19	0B	0B	0B	0 B	81.4	50.0	19.4	11.2	17.6	5.59 B	0.265B	0.040B	19
20	0B	0B	0B	0 B	81.3	54.2	27.5	24.1	16.0	3.48 B	0.246B	0.039B	20
21	0B	0B	0B	0 B	78.3	52.4	31.0	24.1	12.2	2.45 B	0.228B	0.038B	21
22	0B	0B	0B	0 B	80.0	47.4	24.3	18.7	8.04	2.43 B	0.209B	0.037B	22
23	0B	0B	0B	0.010B	81.7	45.7	21.9	17.4	9.08	3.01 B	0.191B	0.036B	23
24	0B	0B	0B	0.100B	80.2	46.4	8.22	18.9	6.42	2.92 B	0.172B	0.034B	24
25	0B	0B	0B	0.500B	79.4	53.1	32.5	10.7	7.13	2.82 B	0.154B	0.033B	25
26	0B	0B	0B	1.00 B	74.7	51.5	35.8	7.87	7.25	3.33 B	0.135B	0.032B	26
27	0B	0B	0B	2.50 B	64.0	47.7	37.7	13.3	9.42	3.04 B	0.117B	0.031B	27
28	0B	0B	0B	4.39 B	73.3	52.8	27.4	16.3	18.8	2.01 B	0.099B	0.029B	28
29	0B		0B	7.78 B	65.1	54.9	15.5	21.4	24.1	1.50 B	0.080B	0.028B	29
30	0B		0B	13.0 B	67.2	56.3	31.3	7.74	13.1	1.16 B	0.077B	0.027B	30
31	0B		0B		71.5		33.2	10.9		0.812B		0.025B	31
TOTAL	0	0	0	29.280	2 066.8	1 698.9	1 124.62	653.01	348.66	241.442	9.857	1.417	TOTAL
MEAN	0	0	0	0.976	66.7	56.6	36.3	21.1	11.6	7.79	0.329	0.046	MEAN
MAX	0	0	0	13.0	82.1	75.5	62.3	32.6	24.1	28.5	0.571	0.074	MAX
MIN	0	0	0	0	25.2	45.1	8.22	7.74	6.15	0.812	0.077	0.025	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 16.9
MAXIMUM DAILY, 82.1 ON MAY 15
MINIMUM DAILY, 0B ON JAN 1

SUMMARY FOR THE YEAR 1981

TYPE OF GAUGE - RECORDING
LOCATION - LAT 60 02 45 N
LONG 114 55 00 W
DRAINAGE AREA, 17 800 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	0	JUL	97 200
FEB	0	AUG	56 400
MAR	0	SEP	30 100
APR	2 530	OCT	20 900
MAY	179 000	NOV	852
JUN	147 000	DEC	122

TOTAL DISCHARGE, 534 000 dam³

BURNSIDE RIVER NEAR THE MOUTH - STATION NO. 10QC001

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1981

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	4.00B	2.90B	2.52B	---	---	---	379	183	182	255	60.0B	18.6 B	1
2	3.99B	2.89B	2.51B	---	---	---	383	181	183	253	57.5B	18.0 B	2
3	3.85B	2.85B	2.50B	---	---	---	373	177	191	285	54.9B	17.4 B	3
4	3.79B	2.83B	2.50B	---	---	---	372	173	196	304	52.0B	17.0 B	4
5	3.70B	2.81B	2.50B	---	---	---	392	168	194	298	50.0B	16.7 B	5
6	3.62B	2.80B	2.48B	---	---	---	392	162	191	279	48.0B	16.0 B	6
7	3.55B	2.80B	2.47B	---	---	---	385	157	190	264	46.0B	15.6 B	7
8	3.52B	2.80B	2.46B	---	---	---	377	157	197	246	44.0B	15.0 B	8
9	3.49B	2.80B	2.46B	---	---	---	389	156	357	226	42.0B	14.8 B	9
10	3.42B	2.79B	2.45B	---	---	---	492	154	495	215	40.8B	14.2 B	10
11	3.40B	2.79B	2.44B	---	---	---	558	154	542	212	38.8B	13.9 B	11
12	3.40B	2.79B	---	---	---	---	538	149	543	199	37.0B	13.4 B	12
13	3.39B	2.78B	---	---	---	---	497	150	521	195	35.4B	13.0 B	13
14	3.35B	2.78B	---	---	---	---	453	161	492	194	34.0B	12.6 B	14
15	3.30B	2.75B	---	---	---	---	418	168	456	173	32.5B	12.2 B	15
16	3.28B	2.72B	---	---	---	---	388	202	433	180 B	31.2B	12.0 B	16
17	3.25B	2.71B	---	---	---	---	359	216	442	150 B	30.0B	11.7 B	17
18	3.22B	2.70B	---	---	---	---	337	213	471	135 B	29.0B	11.3 B	18
19	3.20B	2.70B	---	---	---	---	317	212	480	122 B	28.0B	11.0 B	19
20	3.19B	2.69B	---	---	---	---	297	207	450	112 B	27.0B	10.7 B	20
21	3.14B	2.68B	---	---	---	---	282	208	423	108 B	26.0B	10.3 B	21
22	3.10B	2.62B	---	---	---	---	266	216	414	101 B	25.2B	10.0 B	22
23	3.10B	2.60B	---	---	---	---	249	216	435	94.0B	24.6B	9.79B	23
24	3.10B	2.60B	---	---	---	---	236	215	421	90.0B	23.8B	9.50B	24
25	3.08B	2.60B	---	---	---	---	223	209	378	84.0B	23.0B	9.30B	25
26	3.02B	2.59B	---	---	---	---	215	203	340	80.0B	22.1B	9.00B	26
27	3.00B	2.55B	---	---	---	---	208	199	317	76.0B	21.4B	8.80B	27
28	3.00B	2.52B	---	---	---	---	199	197	296	72.0B	20.8B	8.60B	28
29	2.99B		---	---	---	---	191	195	279	68.0B	20.0B	8.34B	29
30	2.98B		---	---	---	---	189	190	267	65.0B	19.1B	8.10B	30
31	2.92B		---		---		185	184		62.0B		7.90B	31
TOTAL	103.34	76.44	---	---	---	---	10 539	5 732	10 776	5 197.0	1 044.1	384.73	TOTAL
MEAN	3.33	2.73	---	---	---	---	340	185	359	168	34.8	12.4	MEAN
MAX	4.00	2.90	---	---	---	---	558	216	543	304	60.0	18.6	MAX
MIN	2.92	2.52	---	---	---	---	185	149	182	62.0	19.1	7.90	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MAXIMUM DAILY, 558 ON JUL 11

MAXIMUM INSTANTANEOUS,
572 AT 13:10 MST ON JUL 11

SUMMARY FOR THE YEAR 1981

TYPE OF GAUGE - RECORDING
LOCATION - LAT 66 43 20 N
LONG 108 49 00 W
DRAINAGE AREA, 18 800 km²

B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	8 930	JUL	911 000
FEB	6 600	AUG	495 000
MAR	---	SEP	931 000
APR	---	OCT	449 000
MAY	---	NOV	90 200
JUN	---	DEC	33 200

CABIN CREEK ABOVE DEMPSTER HIGHWAY - STATION NO. 10LC009

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1981

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	0B	0B	0B	0B	0 B	3.03 E	0.699	0.736	0.718	0.641	0.206B	0B	1
2	0B	0B	0B	0B	0 B	2.59 E	0.832	0.725	0.712	0.649	0.200B	0B	2
3	0B	0B	0B	0B	0 B	2.16 E	1.03	0.722	0.722	0.652	0.181B	0B	3
4	0B	0B	0B	0B	0 B	1.73 E	1.06	0.719	0.708	0.638	0.168B	0B	4
5	0B	0B	0B	0B	0 B	1.29 E	1.06	0.730	0.704	0.659	0.155B	0B	5
6	0B	0B	0B	0B	0.003B	1.12 E	1.06	0.730	0.698	0.660	0.141B	0B	6
7	0B	0B	0B	0B	0.010B	1.06	1.06	0.725	0.692	0.664	0.129B	0B	7
8	0B	0B	0B	0B	0.500B	1.03	1.06	0.715	0.695	0.667	0.117B	0B	8
9	0B	0B	0B	0B	0.900B	0.960	1.00	0.720	0.692	0.620A	0.105B	0B	9
10	0B	0B	0B	0B	1.50 B	0.911	0.927	0.728	0.692	0.596E	0.095B	0B	10
11	0B	0B	0B	0B	2.05 B	0.862	0.891	0.800	0.687	0.572E	0.086B	0B	11
12	0B	0B	0B	0B	2.20 B	0.823	0.897	0.999	0.667	0.548E	0.078B	0B	12
13	0B	0B	0B	0B	2.55 B	0.758	0.893	1.11	0.675	0.524E	0.068B	0B	13
14	0B	0B	0B	0B	2.92 B	0.738	0.859	1.10	0.676	0.500E	0.060B	0B	14
15	0B	0B	0B	0B	3.40 B	0.726	0.787	1.12	0.675	0.476E	0.051B	0B	15
16	0B	0B	0B	0B	4.00 B	0.720	0.772	1.14	0.673	0.452E	0.043B	0B	16
17	0B	0B	0B	0B	4.90 B	0.711	0.901	1.16	0.665	0.428E	0.038B	0B	17
18	0B	0B	0B	0B	6.25 B	0.709	1.69	1.12	0.666	0.404E	0.029B	0B	18
19	0B	0B	0B	0B	7.76 B	0.706	2.32	1.04	0.662	0.380E	0.021B	0B	19
20	0B	0B	0B	0B	8.98 B	0.702	2.44	0.982	0.661	0.360B	0.015B	0B	20
21	0B	0B	0B	0B	10.6	0.703	2.47	0.925	0.662	0.340B	0.010B	0B	21
22	0B	0B	0B	0B	9.38	0.705	2.48	0.890	0.651	0.322B	0 B	0B	22
23	0B	0B	0B	0B	9.19	0.703	2.16	0.870	0.647	0.308B	0 B	0B	23
24	0B	0B	0B	0B	9.10	0.698	1.75	0.851	0.637	0.294B	0 B	0B	24
25	0B	0B	0B	0B	7.83	0.702	1.65	0.795	0.634	0.281B	0 B	0B	25
26	0B	0B	0B	0B	6.47	0.703	1.48	0.747	0.631	0.268B	0 B	0B	26
27	0B	0B	0B	0B	5.49	0.714	1.30	0.730	0.623	0.254B	0 B	0B	27
28	0B	0B	0B	0B	4.98	0.707	1.14	0.720	0.625	0.245B	0 B	0B	28
29	0B		0B	0B	4.50 E	0.708	1.01	0.715	0.635	0.235B	0 B	0B	29
30	0B		0B	0B	3.90 E	0.706	0.894	0.714	0.631	0.226B	0 B	0B	30
31	0B		0B		3.46 E		0.797	0.705		0.216B		0B	31
TOTAL	0	0	0	0	122.823	30.385	39.369	26.483	20.116	14.079	1.996	0	TOTAL
MEAN	0	0	0	0	3.96	1.01	1.27	0.854	0.671	0.454	0.067	0	MEAN
MAX	0	0	0	0	10.6	3.03	2.48	1.16	0.722	0.667	0.206	0	MAX
MIN	0	0	0	0	0	0.698	0.699	0.705	0.623	0.216	0	0	MIN

SUMMARY FOR THE YEAR 1981

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.699
MAXIMUM DAILY, 10.6 ON MAY 21
MINIMUM DAILY, 0B ON JAN 1

TYPE OF GAUGE - RECORDING
LOCATION - LAT 68 15 00 N
LONG 133 15 00 W

A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	0	JUL	3 400
FEB	0	AUG	2 290
MAR	0	SEP	1 740
APR	0	OCT	1 220
MAY	10 600	NOV	172
JUN	2 630	DEC	0

TOTAL DISCHARGE, 22 100 dam³

CAMERON RIVER BELOW REID LAKE - STATION NO. 07SB010

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1981

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	2.54B	1.97B	1.77B	1.40B	1.61B	2.19	2.82E	2.72	2.26	1.97	2.02	2.05B	1
2	2.52B	1.96B	1.76B	1.39B	1.64B	2.27	2.83E	2.77	2.17	1.99	2.07	2.06B	2
3	2.50B	1.95B	1.76B	1.39B	1.67B	2.21	2.86E	2.89	2.13	2.02	2.05	2.05B	3
4	2.49B	1.94B	1.75B	1.38B	1.70B	2.22	2.89E	2.74	2.16	2.04	2.04	2.00B	4
5	2.48B	1.92B	1.75B	1.38B	1.77B	2.33	2.90E	2.79	2.16	2.04	2.05	2.00B	5
6	2.45B	1.91B	1.74B	1.38B	1.90	2.60	2.93E	2.75	2.08	2.03	2.11	1.99B	6
7	2.43B	1.91B	1.73B	1.37B	2.03	2.70	2.99E	2.82	2.14	2.02	2.07	1.98B	7
8	2.41B	1.90B	1.72B	1.37B	2.07	2.68	3.03	2.83	2.07	2.03	2.03	1.97B	8
9	2.39B	1.89B	1.71B	1.37B	2.15	2.62	2.97	2.90	2.01	2.02	2.01	1.95B	9
10	2.37B	1.88B	1.70B	1.36B	2.27	2.55	3.08	2.78	2.09	2.00	1.98	1.94B	10
11	2.35B	1.87B	1.69B	1.36B	2.34	2.50	3.18	2.63	2.32	1.99	1.95B	1.92B	11
12	2.32B	1.86B	1.67B	1.35B	2.27	2.40	3.25	2.73	2.37	1.97	1.96B	1.90B	12
13	2.31B	1.86B	1.65B	1.35B	2.23	2.36	3.13	2.78	2.34	1.95	1.97B	1.90B	13
14	2.29B	1.86B	1.63B	1.36B	2.21	2.30	3.14	2.81	2.28	1.94	1.97B	1.89B	14
15	2.27B	1.86B	1.61B	1.36B	2.22	2.23	3.18	2.61	2.24	1.97	1.98B	1.89B	15
16	2.25B	1.85B	1.59B	1.37B	2.22	2.20	3.18	2.55	2.14	2.02	1.97B	1.88B	16
17	2.22B	1.84B	1.58B	1.38B	2.25	2.30	3.18	2.49	2.11	2.11	1.97B	1.87B	17
18	2.20B	1.83B	1.57B	1.39B	2.26	2.34	3.09	2.47	2.09	2.12	1.97B	1.86B	18
19	2.19B	1.82B	1.55B	1.40B	2.22	2.33	2.97	2.52	2.10	2.13	1.97B	1.86B	19
20	2.18B	1.82B	1.52B	1.42B	2.21	2.38	2.86	2.42	2.08	2.09	1.98B	1.86B	20
21	2.17B	1.81B	1.51B	1.43B	2.23	2.51	2.85	2.41	2.07	2.08	1.98B	1.84B	21
22	2.15B	1.80B	1.50B	1.45B	2.22	2.64	2.88	2.41	2.04	2.06	1.98B	1.84B	22
23	2.13B	1.79B	1.49B	1.47B	2.23	2.64	2.96	2.38	1.99	2.05	1.99B	1.83B	23
24	2.11B	1.79B	1.48B	1.48B	2.30	2.64	2.96	2.35	1.97	2.04	1.99B	1.82B	24
25	2.10B	1.78B	1.47B	1.49B	2.28	2.65	2.96	2.36	1.97	2.04	2.00B	1.81B	25
26	2.08B	1.78B	1.46B	1.51B	2.24	2.69	2.89	2.34	2.02	1.98	2.00B	1.81B	26
27	2.05B	1.77B	1.45B	1.53B	2.23	2.70E	2.82	2.35	2.02	1.96	2.01B	1.81B	27
28	2.01B	1.77B	1.44B	1.55B	2.30	2.70E	2.80	2.42	1.99	1.94	2.03B	1.81B	28
29	2.00B		1.43B	1.59B	2.21	2.78E	2.87	2.35	1.95	1.98	2.03B	1.81B	29
30	1.99B		1.41B	1.56B	2.22	2.80E	2.95	2.34	1.95	1.98	2.04B	1.81B	30
31	1.98B		1.41B		2.15		2.81	2.34		1.98		1.81B	31
TOTAL	69.93	51.99	49.50	42.59	65.85	74.46	92.21	80.05	63.35	62.54	60.17	58.82	TOTAL
MEAN	2.26	1.86	1.60	1.42	2.12	2.48	2.97	2.58	2.11	2.02	2.01	1.90	MEAN
MAX	2.54	1.97	1.77	1.59	2.34	2.80	3.25	2.90	2.37	2.13	2.11	2.06	MAX
MIN	1.98	1.77	1.41	1.35	1.61	2.19	2.80	2.34	1.95	1.94	1.95	1.81	MIN

SUMMARY FOR THE YEAR 1981

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 2.11
MAXIMUM DAILY, 3.25 ON JUL 12
MINIMUM DAILY, 1.35B ON APR 12
MAXIMUM INSTANTANEOUS,
3.39 AT 11:43 MST ON JUL 12

TYPE OF GAUGE - RECORDING
LOCATION - LAT 62 29 22 N
LONG 113 31 12 W
DRAINAGE AREA, 3 570 km²

B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	6 040	JUL	7 970
FEB	4 490	AUG	6 920
MAR	4 280	SEP	5 470
APR	3 680	OCT	5 400
MAY	5 690	NOV	5 200
JUN	6 430	DEC	5 080

TOTAL DISCHARGE, 66 700 dam³

CAMSELL RIVER AT OUTLET OF CLUT LAKE - STATION NO. 10JA002

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1981

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	95.5	88.8	79.2	69.9	62.8	75.2	99.4	106	96.3	95.9	104	106	1
2	95.6	88.3	79.2	69.6	62.5	75.9	99.5	107	95.9	95.9	104	106	2
3	95.6	87.6	79.1	69.3	62.4	78.0	99.4	106	95.9	96.9	103	106	3
4	95.2	87.5	78.7	69.1	62.4	78.1	98.5	105	96.5	99.4	103	106	4
5	95.2	87.5	78.4	68.8	62.5	78.9	101	105	96.8	98.7	104	105	5
6	95.4	87.4	77.6	68.5	62.7	80.9	102	105	96.0	99.4	106	105	6
7	95.1	87.0	77.6	68.3	63.1	81.8	102	104	95.5	99.3	105	105	7
8	94.6	86.8	76.9	68.2	63.3	82.6	102	105	94.8	98.1	104	105	8
9	94.6	86.4	77.1	68.3	63.5	83.6	101	105	94.8	98.4	103	105	9
10	94.8	85.4	76.7	67.9	63.7	85.0	103	105	94.2	97.9	103	105	10
11	94.3	84.9	76.3	68.0	64.2	86.3	104	105	94.2	98.1	103	105	11
12	94.6A	84.7	75.5	68.0	64.6	85.6	105	105	94.0	99.2	104	105	12
13	95.4	84.3	75.4	67.8	64.7	85.8	104	105	94.2	99.8	105	105	13
14	94.7	83.2	75.1	67.8	65.3	86.3	105	104	94.1	99.6	106	105	14
15	94.5	83.3	74.6	67.5	65.5	87.0	106	104	94.8	100	106	104	15
16	93.8	83.2	74.5	67.0	65.3	88.3	104	104	94.5	100	105	104	16
17	93.8	82.9	74.8	66.5	65.6	88.3	104	103	94.3	99.5	106	104	17
18	93.7	82.4	74.2	66.0	66.5	89.4	106	103	94.1	99.7	107	104	18
19	93.3	82.4	73.8	65.6	67.9	89.8	107	103	94.7	99.9	107	103	19
20	93.4	81.9	73.6	65.2	68.9	90.3	106	102	94.3	99.2	107	103	20
21	93.1	82.0	73.0	64.6	69.9	90.6	105	102	93.8	99.4	107	103	21
22	93.0	81.5	72.9	64.1	70.4	90.9	104	103	96.3	101	106	104	22
23	92.6	81.5	73.0	64.0	70.6	91.3	104	101	96.6	99.2	106	104	23
24	92.4	80.7	72.3	63.8	71.3	93.0	105	101	96.7	99.7	106	103	24
25	91.6	80.5	72.1	63.5	71.6	95.9	105	102	96.9	99.7	106	103	25
26	91.3	80.2	71.6	63.3	72.0	96.0	105	101	97.3	100	107	103	26
27	91.1	80.0	71.1	63.0	72.8	96.6	105	99.5	97.4	99.6	106	103	27
28	90.5	79.2	70.7	62.8	73.6	97.9	104	95.6	97.7	99.7	106	103	28
29	89.8		70.8	62.8	73.8	97.3	105	95.8	97.4	102	106	103	29
30	89.2		70.3	62.7	74.4	98.1	105	96.1	96.9	103	106	102	30
31	88.7		70.0		74.7		105	97.0		103		101	31
TOTAL	2 896.4	2 351.5	2 316.1	1 991.9	2 082.5	2 624.7	3 210.8	3 185.0	2 866.9	3 081.2	3 157	3 228	TOTAL
MEAN	93.4	84.0	74.7	66.4	67.2	87.5	104	103	95.6	99.4	105	104	MEAN
MAX	95.6	88.8	79.2	69.9	74.7	98.1	107	107	97.7	103	107	106	MAX
MIN	88.7	79.2	70.0	62.7	62.4	75.2	98.5	95.6	93.8	95.9	103	101	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 90.4
MAXIMUM DAILY, 107 ON JUL 19
MINIMUM DAILY, 62.4 ON MAY 3

SUMMARY FOR THE YEAR 1981

TYPE OF GAUGE - RECORDING
LOCATION - LAT 65 35 45 N
LONG 117 45 20 W
DRAINAGE AREA, 31 100 km²
A - MANUAL GAUGE

NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	250 000	JUL	277 000
FEB	203 000	AUG	275 000
MAR	200 000	SEP	248 000
APR	172 000	OCT	266 000
MAY	180 000	NOV	273 000
JUN	227 000	DEC	279 000

TOTAL DISCHARGE, 2 850 000 dam³

CARCAJOU RIVER BELOW IMPERIAL RIVER - STATION NO. 10KB001

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1981

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	---	---	---	74.2	167	291	46.5	41.3	21.8B	15.4B	1
2	---	---	---	---	---	82.8	137	221	43.3	42.8	21.5B	15.2B	2
3	---	---	---	---	---	55.8	135	254	40.5	40.1	21.2B	15.1B	3
4	---	---	---	---	---	43.7	154	292	39.0	38.9	21.0B	14.9B	4
5	---	---	---	---	---	38.5	197	221	38.1	41.2	20.8B	14.7B	5
6	---	---	---	---	---	33.6	155	180	36.9	43.7	20.5B	14.5B	6
7	---	---	---	---	---	31.7	145	152	36.7	49.8	20.3B	14.3B	7
8	---	---	---	---	157	31.4	155	129	36.8	45.4	20.1B	14.1B	8
9	---	---	---	---	125	29.3	140	111	35.4	40.4	19.9B	13.9B	9
10	---	---	---	---	111	27.0	117	99.2	36.1	36.9	19.7B	13.8B	10
11	---	---	---	---	109	24.2	97.5	89.3	36.5	33.7	19.5B	13.6B	11
12	---	---	---	---	77.4	20.7	103	85.3	37.4	32.5	19.2B	13.4B	12
13	---	---	---	---	49.1	18.7	141	82.1	37.2	30.3	19.0B	13.2B	13
14	---	---	---	---	50.6	18.6	164	76.4	39.5	31.7	18.9B	13.1B	14
15	---	---	---	---	64.2	17.5	115	70.0	38.5	34.3	18.6B	13.0B	15
16	---	---	---	---	70.1	16.0	94.2	64.8	36.7	34.5	18.3B	12.8B	16
17	---	---	---	---	74.7	13.6	86.6	64.4	36.0	32.8	18.2B	12.6B	17
18	---	---	---	---	86.9	11.3	115	67.3	34.6	29.5	18.0B	12.4B	18
19	---	---	---	---	101	10.2	143	65.4	33.6	26.9	17.8B	12.3B	19
20	---	---	---	---	106	8.91	147	64.3	36.8	25.6B	17.6B	12.2B	20
21	---	---	---	---	126	8.36	130	61.2	40.9	25.0B	17.4B	12.0B	21
22	---	---	---	---	108	8.65	212	58.8	42.2	24.3B	17.2B	11.8B	22
23	---	---	---	---	133	55.3	222	55.3	41.4	24.1B	17.0B	11.7B	23
24	---	---	---	---	131	414	178	53.5	41.2	23.9B	16.8B	11.6B	24
25	---	---	---	---	86.7	447	133	49.8	41.0	23.6B	16.6B	11.5B	25
26	---	---	---	---	76.9	370	110	45.2	40.1	23.3B	16.4B	11.3B	26
27	---	---	---	---	74.7	267	107	44.3	39.2	23.0B	16.2B	11.2B	27
28	---	---	---	---	68.7	198	141	44.8	38.1	22.8B	16.0B	11.0B	28
29	---		---	---	60.2	175	130	48.1	39.9	22.5B	15.8B	10.9B	29
30	---		---	---	57.0	166	201	48.8	40.6	22.2B	15.6B	10.7B	30
31	---		---		58.1		445	47.5		22.0B		10.6B	31
TOTAL	---	---	---	---	---	2 717.02	4 717.3	3 236.8	1 160.7	989.0	556.9	398.8	TOTAL
MEAN	---	---	---	---	---	90.6	152	104	38.7	31.9	18.6	12.9	MEAN
MAX	---	---	---	---	---	447	445	292	46.5	49.8	21.8	15.4	MAX
MIN	---	---	---	---	---	8.36	86.6	44.3	33.6	22.0	15.6	10.6	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MAXIMUM DAILY, 447 ON JUN 25

MAXIMUM INSTANTANEOUS,
558 AT 00:22 MST ON JUN 25

SUMMARY FOR THE YEAR 1981

TYPE OF GAUGE - RECORDING
LOCATION - LAT 65 17 49 N
LONG 127 41 05 W
DRAINAGE AREA, 6 860 km²

B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	408 000
FEB	---	AUG	280 000
MAR	---	SEP	100 000
APR	---	OCT	85 400
MAY	---	NOV	48 100
JUN	235 000	DEC	34 500

NORTHWEST TERRITORIES

CARIBOU CREEK ABOVE DEMPSTER HIGHWAY - STATION NO. 10LC007

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1981

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	0B	0B	0B	0B	0.100B	5.96	4.12	3.44	2.24	2.10A	1.19 B	0.570B	1
2	0B	0B	0B	0B	0.230B	5.63	4.75	3.32	2.17	1.96A	1.17 B	0.561B	2
3	0B	0B	0B	0B	0.350B	5.26	4.57	3.44	2.26	1.87E	1.15 B	0.535B	3
4	0B	0B	0B	0B	0.600B	5.01	4.22	3.48	2.38	1.65E	1.12 B	0.520B	4
5	0B	0B	0B	0B	1.00 B	4.86	3.83	3.50	2.42	1.65E	1.09 B	0.504B	5
6	0B	0B	0B	0B	1.03 B	4.76	4.17	3.37	2.39	1.70E	1.07 B	0.490B	6
7	0B	0B	0B	0B	1.09 B	4.58	4.18	3.16	2.44	1.80E	1.04 B	0.472B	7
8	0B	0B	0B	0B	1.13 B	4.42	3.69	3.08	2.56	1.79E	1.02 B	0.455B	8
9	0B	0B	0B	0B	1.40 B	4.26	3.51	3.06	2.55	1.78E	0.998B	0.442B	9
10	0B	0B	0B	0B	1.69 B	4.06	3.22	3.06	2.55	1.78E	0.970B	0.430B	10
11	0B	0B	0B	0B	2.23 B	3.89	3.18	3.19	2.56	1.77E	0.950B	0.412B	11
12	0B	0B	0B	0B	2.80 B	3.77	3.30	3.32	2.49	1.76E	0.925B	0.398B	12
13	0B	0B	0B	0B	3.60 B	3.60	3.22	3.42	2.43	1.76E	0.905B	0.385B	13
14	0B	0B	0B	0B	4.47 B	3.46	3.04	3.36	2.42	1.75E	0.880B	0.370B	14
15	0B	0B	0B	0B	4.85 B	3.24	2.81	3.19	2.36	1.68B	0.860B	0.356B	15
16	0B	0B	0B	0B	5.20 B	3.08	2.83	3.04	2.41	1.66B	0.840B	0.343B	16
17	0B	0B	0B	0B	5.58 B	2.95	3.99	2.88	2.30	1.62B	0.820B	0.330B	17
18	0B	0B	0B	0B	5.96 B	2.82	6.34	2.68	2.24	1.59B	0.800B	0.318B	18
19	0B	0B	0B	0B	6.38 B	2.69	6.31	2.63	2.52	1.56B	0.780B	0.305B	19
20	0B	0B	0B	0B	6.00 B	2.64	7.03	2.61	2.24	1.53B	0.760B	0.294B	20
21	0B	0B	0B	0B	6.30 E	2.65	7.18	2.58	2.20	1.51B	0.740B	0.282B	21
22	0B	0B	0B	0B	6.60 E	2.73	7.42	2.55	2.18	1.48B	0.720B	0.270B	22
23	0B	0B	0B	0B	6.57 E	2.76	6.51	2.44	2.16	1.45B	0.705B	0.260B	23
24	0B	0B	0B	0B	6.54 E	2.70	5.64	2.48	2.12	1.42B	0.690B	0.250B	24
25	0B	0B	0B	0B	6.51 E	2.52	5.19	2.42	2.08	1.38B	0.670B	0.240B	25
26	0B	0B	0B	0B	6.50 E	2.43	4.93	2.32	2.05	1.36B	0.655B	0.230B	26
27	0B	0B	0B	0B	6.48 A	2.32	4.66	2.33	2.05	1.34B	0.635B	0.220B	27
28	0B	0B	0B	0B	6.39	2.29	4.33	2.32	2.19	1.31B	0.620B	0.210B	28
29	0B		0B	0B	6.08	2.28	4.02	2.31	2.23	1.28B	0.605B	0.200B	29
30	0B		0B	0B	5.82	3.22	3.74	2.26	2.12	1.25B	0.585B	0.185B	30
31	0B		0B		5.84		3.53	2.25		1.22B		0.170B	31
TOTAL	0	0	0	0	125.320	106.84	139.46	89.49	69.29	49.36	25.963	11.007	TOTAL
MEAN	0	0	0	0	4.04	3.56	4.50	2.89	2.31	1.59	0.865	0.355	MEAN
MAX	0	0	0	0	6.60	5.96	7.42	3.50	2.56	2.10	1.19	0.570	MAX
MIN	0	0	0	0	0.100	2.28	2.81	2.25	2.05	1.22	0.585	0.170	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 1.69
MAXIMUM DAILY, 7.42 ON JUL 22
MINIMUM DAILY, 0B ON JAN 1

SUMMARY FOR THE YEAR 1981

TYPE OF GAUGE - RECORDING
LOCATION - LAT 68 04 15 N
LONG 133 28 30 W
DRAINAGE AREA, 663 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	0	JUL	12 000
FEB	0	AUG	7 730
MAR	0	SEP	5 990
APR	0	OCT	4 260
MAY	10 800	NOV	2 240
JUN	9 230	DEC	951

TOTAL DISCHARGE, 53 200 dam³

COPPERMINE RIVER AT OUTLET OF POINT LAKE - STATION NO. 10PB001

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1981

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	39.8E	32.0	27.4	24.3	23.1	50.4	135	167	142	119	98.2	76.4	1
2	39.6E	31.9	27.3	24.1	23.4	48.7	136	168	142	123	96.6	76.1	2
3	39.2E	31.6	27.2	23.9	23.4	50.7	139	169	140	122	94.8	75.6	3
4	38.8E	31.4	27.1	23.7	23.5	53.3	144	168	137	119	94.0	74.9	4
5	38.4A	31.3	27.2	23.5	23.4	56.9	146	166	136	118	94.1	74.4	5
6	38.7	30.9	26.9	23.4	23.6	60.9	148	166	135	118	93.1	74.3	6
7	38.4	30.6	26.9	23.3	23.5	64.8	152	164	133	117	90.6	73.3	7
8	38.0	30.4	26.8	23.0	23.5	67.7	156	161	136	117	89.3	72.6	8
9	37.8	30.1	26.6	22.6	23.6	71.1	158	162	137	117	89.0	71.5	9
10	37.6	30.1	26.2	22.8	23.7	74.1	157	165	135	116	88.8	70.7	10
11	37.4	29.8	26.1	22.5	24.0	77.9	158	158	135	117	88.7	69.8	11
12	37.1	29.9	26.0	22.4	23.9	81.5	160	158	135	117	90.4	69.3	12
13	36.8	29.7	25.8	22.2	24.0	83.8	162	158	134	116	91.2	68.8	13
14	36.3	29.9	25.6	22.1	24.1	87.5	162	158	132	115	89.6	67.7	14
15	36.1	30.0	25.6	22.6	24.2	90.2	163	160	130	114	88.5	67.1	15
16	35.9	29.9	25.5	23.6	24.4	93.1	165	157	132	114	87.8	66.9	16
17	35.6	29.7	25.3	24.0	24.7	96.5	166	157	131	113	86.8	66.3	17
18	35.2	29.7	25.1	24.0	25.3	99.3	166	155	127	110	86.0	66.2	18
19	34.9	29.6	24.9	24.0	27.3	102	166	154	125	109	84.7	65.6	19
20	34.7	29.2	24.9	23.6	29.9	105	169	158	127	108	83.6	65.3	20
21	34.2	29.2	24.9	23.2	31.1	108	169	158	128	106	82.7	64.3	21
22	34.0	29.1	24.8	23.3	32.9	112	167	158	129	103	82.0	63.9	22
23	33.8	28.8	24.7	23.2A	34.3	114	166	159	127	104	81.2	63.0	23
24	33.7	28.6	24.8	23.4	35.9	116	166	158	124	102	80.2	62.3	24
25	33.3	28.4	24.8	23.1	37.8	120	166	156	123	101	80.4	61.6	25
26	33.0	28.1	24.8	23.1	39.6	122	167	156	122	101	79.6	60.4	26
27	33.0	27.9	24.6	23.2	41.6	126	172	155	120	100	79.2	59.8	27
28	33.0	27.6	24.7	23.2	43.1	129	168	153	120	101	79.1	58.7	28
29	32.9		24.5	22.7	44.2	131	167	149	120	102	78.2	58.7	29
30	32.6		24.4	22.5	45.5	133	167	147	119	101	77.5	58.2	30
31	32.0		24.3		47.6		169	144		100		58.1	31
TOTAL	1 111.8	835.4	795.7	696.5	920.1	2 726.4	4 952	4 922	3 913	3 448	2 605.9	2 082.0	TOTAL
MEAN	35.9	29.8	25.7	23.2	29.7	90.9	160	159	130	111	86.9	67.2	MEAN
MAX	39.8	32.0	27.4	24.3	47.6	133	172	169	142	123	98.2	76.4	MAX
MIN	32.0	27.6	24.3	22.1	23.1	48.7	135	144	119	100	77.5	58.1	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 79.5
MAXIMUM DAILY, 172 ON JUL 27
MINIMUM DAILY, 22.1 ON APR 14
MAXIMUM INSTANTANEOUS,
177 AT 15:50 MST ON JUL 27

SUMMARY FOR THE YEAR 1981

TYPE OF GAUGE - RECORDING
LOCATION - LAT 65 25 00 N
LONG 114 00 30 W
DRAINAGE AREA, 20 300 km²
A - MANUAL GAUGE

E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	96 100	JUL	428 000
FEB	72 200	AUG	425 000
MAR	68 700	SEP	338 000
APR	60 200	OCT	297 000
MAY	79 500	NOV	225 000
JUN	236 000	DEC	180 000

TOTAL DISCHARGE, 2 510 000 dam³

NORTHWEST TERRITORIES

DUBAWNT LAKE NEAR SNOW ISLAND - STATION NO. 06KC004

DAILY WATER LEVEL IN METRES FOR 1981

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	---	---	230.864E	230.988	231.260	231.426	231.485	231.431	231.321	231.307	1
2	---	---	---	---	230.864E	230.993	231.271	231.438	231.439	231.415	231.328	231.309	2
3	---	---	---	---	230.864E	230.998	231.272	231.449	231.408	231.431	231.326	231.309	3
4	---	---	---	---	230.864E	231.007	231.272	231.462	231.415	231.437	231.327	231.309	4
5	---	---	---	---	230.864A	231.032	231.285	231.459	231.458	231.443	231.334	231.307	5
6	---	---	---	---	230.872	231.034	231.290	231.443	231.459	231.435	231.330	231.301	6
7	---	---	---	---	230.865	231.030	231.300	231.457	231.452	231.444	231.323	231.300	7
8	---	---	---	---	230.850	231.057	231.306	231.463	231.472	231.447	231.324	231.298	8
9	---	---	---	---	230.860	231.062	231.313	231.459	231.473	231.428	231.319	231.297	9
10	---	---	---	---	230.862	231.065	231.324	231.466	231.473	231.430	231.320	231.297	10
11	---	---	---	---	230.868	231.079	231.340	231.446	231.476	231.431	231.322	231.302	11
12	---	---	---	---	230.864	231.090	231.355	231.469	231.475	231.444	231.327	231.302	12
13	---	---	---	---	230.870	231.097	231.359	231.471	231.470	231.441	231.334	231.300	13
14	---	---	---	---	230.867	231.106	231.367	231.474	231.469	231.443	231.331	231.301	14
15	---	---	---	---	230.865	231.112	231.376	231.451	231.470	231.445	231.322	231.296	15
16	---	---	---	---	230.864	231.136	231.369	231.482	231.474	231.442	231.320	231.291	16
17	---	---	---	---	230.849	231.135	231.381	231.476	231.467	231.391	231.318	231.297	17
18	---	---	---	---	230.861	231.142	231.387	231.467	231.459	231.382	231.318	231.303	18
19	---	---	---	---	230.869	231.156	231.381	231.479	231.468	231.385	231.321	231.302	19
20	---	---	---	---	230.867	231.162	231.387	231.471	231.444	231.365	231.319	231.290	20
21	---	---	---	---	230.859	231.169	231.393	231.475	231.461	231.376	231.317	231.284	21
22	---	---	---	---	230.876	231.183	231.398	231.485	231.460	231.358	231.315	231.290	22
23	---	---	---	---	230.868	231.185	231.397	231.483	231.453	231.368	231.313	231.283	23
24	---	---	---	---	230.890	231.208	231.393	231.487	231.432	231.381	231.317	231.284	24
25	---	---	---	---	230.906	231.200	231.410	231.486	231.442	231.357	231.318	231.283	25
26	---	---	---	---	230.905	231.223	231.413	231.492	231.442	231.344	231.316	231.288	26
27	---	---	---	---	230.918	231.231	231.421	231.492	231.447	231.344	231.319	231.285	27
28	---	---	---	---	230.926	231.233	231.415	231.489	231.443	231.350	231.317	231.281	28
29	---		---	---	230.952	231.251	231.407	231.491	231.426	231.339	231.312	231.277	29
30	---		---	---	230.958	231.252	231.420	231.479	231.436	231.335	231.305	231.281	30
31	---		---		230.973		231.439	231.479		231.339		231.280	31
MEAN	---	---	---	---	230.881	231.121	231.358	231.469	231.455	231.400	231.321	231.295	MEAN
MAX	---	---	---	---	230.973	231.252	231.439	231.492	231.485	231.447	231.334	231.309	MAX
MIN	---	---	---	---	230.849	230.988	231.260	231.426	231.408	231.335	231.305	231.277	MIN

WATER LEVELS IN METRES

SUMMARY FOR THE YEAR 1981

MAXIMUM DAILY, 231.492 ON AUG 26
MINIMUM DAILY, 230.849 ON MAY 17
MAXIMUM INSTANTANEOUS,
231.507 AT 16:30 CST ON SEP 1

TYPE OF GAUGE - RECORDING
LOCATION - LAT 63 13 30 N
LONG 101 45 30 W

A - MANUAL GAUGE
E - ESTIMATED
NATURAL FLOW

WATER LEVELS ARE REFERRED TO ASSUMED DATUM

DUBAWNT RIVER BELOW MARJORIE LAKE - STATION NO. 06KC003

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1981

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	168B	161B	157B	155B	155B	175B	421	451	387	384	---	---	1
2	168B	161B	157B	155B	155B	186B	422	451	405	388	---	---	2
3	168B	160B	157B	155B	155B	195B	424	453	400	398	---	---	3
4	168B	160B	157B	155B	155B	211B	428	449	395	396	---	---	4
5	167B	160B	156B	155B	155B	225B	430	441	398	394	---	---	5
6	167B	160B	156B	155B	155B	244	429	437	402	390	---	---	6
7	166B	160B	156B	155B	155B	259	431	439	402	386	---	---	7
8	166B	160B	156B	155B	155B	279	454	429	403	386	---	---	8
9	166B	160B	156B	155B	155B	287	456	430	405	388	---	---	9
10	165B	160B	156B	155B	155B	288	450	418	407	387	---	---	10
11	165B	159B	156B	155B	155B	295	452A	403	406	387	---	---	11
12	165B	159B	156B	155B	155B	316	466E	415	407	388	---	---	12
13	165B	159B	156B	155B	155B	331	466E	412	408	387	---	---	13
14	164B	159B	156B	155B	155B	339	463E	409	405	383	---	---	14
15	164B	158B	156B	155B	155B	344	466E	403	403	---	---	---	15
16	164B	158B	156B	155B	155B	354	478E	399	403	---	---	---	16
17	164B	158B	156B	155B	155B	355	481A	401	395	---	---	---	17
18	164B	158B	156B	155B	155B	362	464	399	392	---	---	---	18
19	163B	158B	156B	155B	155B	366	441	395	395	---	---	---	19
20	163B	158B	156B	155B	155B	388	446	398	395	---	---	---	20
21	163B	157B	156B	155B	155B	394	444	398	397	---	---	---	21
22	163B	157B	156B	155B	155B	403	440	393	397	---	---	---	22
23	163B	157B	156B	155B	156B	400	437	384	399	---	---	---	23
24	163B	157B	156B	155B	156B	399	439	379	388	---	---	---	24
25	162B	157B	156B	155B	156B	410	441	372	386	---	---	---	25
26	162B	157B	155B	155B	157B	417	447	370	384	---	---	---	26
27	162B	157B	155B	155B	159B	420	444	365	385	---	---	---	27
28	162B	157B	155B	155B	160B	418	437	355	383	---	---	---	28
29	161B		155B	155B	162B	420	440	365	383	---	---	---	29
30	161B		155B	155B	164B	422	447	384	385	---	---	---	30
31	161B		155B		168B		452	385		---	---	---	31
TOTAL	5 093	4 442	4 834	4 650	4 848	9 902	13 836	12 582	11 900	---	---	---	TOTAL
MEAN	164	159	156	155	156	330	446	406	397	---	---	---	MEAN
MAX	168	161	157	155	168	422	481	453	408	---	---	---	MAX
MIN	161	157	155	155	155	175	421	355	383	---	---	---	MIN

DISCHARGES IN CUBIC METRES PER SECOND

SUMMARY FOR THE YEAR 1981

MAXIMUM DAILY, 481A ON JUL 17
MINIMUM DAILY, 155B ON MAR 26

TYPE OF GAUGE - RECORDING
LOCATION - LAT 64 16 01 N
LONG 99 35 47 W
DRAINAGE AREA, 67 900 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	480 000	JUL	1 200 000
FEB	384 000	AUG	1 090 000
MAR	418 000	SEP	1 030 000
APR	402 000	OCT	---
MAY	419 000	NOV	---
JUN	856 000	DEC	---

REMARKS - ADDITIONAL RECORD MAY BE OBTAINED FROM HISTORIC FILES

NORTHWEST TERRITORIES

DUNCAN LAKE NEAR YELLOWKNIFE - STATION NO. 07SB012

DAILY WATER LEVEL IN METRES FOR 1981

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	211.01	210.84	210.59	210.84	211.08	211.34	211.50	211.60	211.65	211.73	211.84	211.74	1
2	211.01	210.83	210.58	210.86	211.09	211.34	211.50	211.60	211.65	211.73	211.85	211.73	2
3	210.00	210.82	210.57	210.87	211.10	211.35	211.50	211.60	211.65	211.73	211.85	211.72	3
4	210.99	210.82	210.56	210.88	211.11	211.35	211.51	211.61	211.65	211.74	211.85	211.70	4
5	210.99	210.81	210.55	210.89	211.12	211.36	211.51	211.61	211.65	211.74	211.85	211.70	5
6	210.98	210.81	210.55	210.90	211.13	211.36	211.52	211.61	211.65	211.74	211.85	211.69	6
7	210.98	210.80	210.54	210.91	211.14	211.37	211.52	211.62	211.65	211.74	211.84	211.69	7
8	210.97	210.79	210.54	210.92	211.15	211.38	211.53	211.63	211.65	211.75	211.84	211.68	8
9	210.97	210.79	210.53	210.93	211.16	211.39	211.53	211.63	211.65	211.75	211.84	211.68	9
10	210.96	210.78	210.53	210.94	211.19	211.40	211.54	211.63	211.65	211.75	211.83	211.68	10
11	210.95	210.77	210.53	210.95	211.20	211.41	211.54	211.64	211.65	211.75	211.83	211.68	11
12	210.95	210.75	210.54	210.95	211.21	211.42	211.55	211.64	211.66	211.75	211.83	211.68	12
13	210.94	210.74	210.56	210.96	211.22	211.43	211.55	211.64	211.66	211.75	211.82	211.68	13
14	210.94	210.73	210.58	210.96	211.23	211.44	211.55	211.65	211.66	211.75	211.82	211.68	14
15	210.93	210.72	210.60	210.96	211.24	211.45	211.55	211.65	211.67	211.75	211.82	211.68	15
16	210.93	210.71	210.62	210.97	211.25	211.45	211.56	211.65	211.67	211.75	211.82	211.67	16
17	210.92	210.70	210.64	210.97	211.25	211.46	211.56	211.65	211.67	211.76	211.81	211.67	17
18	210.91	210.69	210.66	210.97	211.25	211.46	211.56	211.65	211.68	211.76	211.81	211.67	18
19	210.91	210.68	210.68	210.98	211.25	211.46	211.57	211.65	211.68	211.77	211.81	211.67	19
20	210.90	210.67	210.70	210.98	211.25	211.47	211.57	211.65	211.68	211.78	211.80	211.67	20
21	210.90	210.66	210.72	210.98	211.26	211.47	211.58	211.65	211.69	211.78	211.80	211.67	21
22	210.89	210.65	210.74	210.98	211.26	211.47	211.58	211.65	211.69	211.79	211.80	211.66	22
23	210.89	210.64	210.76	211.00	211.26	211.48	211.58	211.65	211.70	211.80	211.79	211.66	23
24	210.88	210.63	210.78	211.01	211.27	211.48	211.59	211.65	211.70	211.80	211.79	211.66	24
25	210.87	210.62	210.78	211.02	211.27	211.49	211.59	211.65	211.71	211.81	211.78	211.65	25
26	210.87	210.61	210.79	211.03	211.28	211.49	211.59	211.65	211.71	211.82	211.78	211.65	26
27	210.86	210.60	210.80	211.04	211.29	211.49	211.59	211.65	211.72	211.82	211.77	211.65	27
28	210.86	210.59	210.80	211.05	211.30	211.50	211.59	211.65	211.72	211.83	211.77	211.65	28
29	210.85		210.81	211.06	211.31	211.50	211.60	211.65	211.73	211.83	211.76	211.65	29
30	210.85		210.83	211.07	211.32	211.50	211.60	211.65	211.73	211.84	211.75	211.64	30
31	210.84		210.84		211.33		211.60	211.65		211.84		211.64	31
MEAN	210.89	210.72	210.65	210.96	211.22	211.43	211.56	211.64	211.68	211.77	211.81	211.68	MEAN
MAX	211.01	210.84	210.84	211.07	211.33	211.50	211.60	211.65	211.73	211.84	211.85	211.74	MAX
MIN	210.00	210.59	210.53	210.84	211.08	211.34	211.50	211.60	211.65	211.73	211.75	211.64	MIN

SUMMARY FOR THE YEAR 1981

WATER LEVELS IN METRES

MEAN, 211.34
MAXIMUM DAILY, 211.85 ON NOV 2
MINIMUM DAILY, 210.00 ON JAN 3

TYPE OF GAUGE - MANUAL
LOCATION - LAT 62 51 00 N
LONG 113 58 00 W
DATA CONTRIBUTED BY -
COMINCO LIMITED

WATER LEVELS ARE REFERRED TO APPROXIMATE GEODETIC SURVEY OF CANADA DATUM

DUVAL RIVER NEAR PANGNIRTUNG - STATION NO. 10TE003

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1981

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	---	---	---	---	9.76	6.92	2.35	---	---	---	1
2	---	---	---	---	---	---	9.69	4.63	12.1	---	---	---	2
3	---	---	---	---	---	---	6.15	4.21	5.28	---	---	---	3
4	---	---	---	---	---	---	5.25	3.78	6.10	---	---	---	4
5	---	---	---	---	---	---	5.34	3.18	7.72	---	---	---	5
6	---	---	---	---	---	---	7.96	4.23	4.28	---	---	---	6
7	---	---	---	---	---	---	9.76	7.41	3.56	---	---	---	7
8	---	---	---	---	---	---	4.67	5.19	2.77A	---	---	---	8
9	---	---	---	---	---	---	4.41	4.30	2.44E	---	---	---	9
10	---	---	---	---	---	---	3.74	3.42	2.18E	---	---	---	10
11	---	---	---	---	---	---	3.99	4.75	7.93E	---	---	---	11
12	---	---	---	---	---	---	4.45	6.10	20.3 E	---	---	---	12
13	---	---	---	---	---	---	4.85	8.44	3.96E	---	---	---	13
14	---	---	---	---	---	---	3.87	4.72	3.11E	---	---	---	14
15	---	---	---	---	---	---	3.32	3.42	2.69E	---	---	---	15
16	---	---	---	---	---	---	4.55	2.60	2.44E	---	---	---	16
17	---	---	---	---	---	---	3.32	2.51	2.27E	---	---	---	17
18	---	---	---	---	---	---	2.32	2.51	2.12E	---	---	---	18
19	---	---	---	---	---	---	2.55	2.33	2.03A	---	---	---	19
20	---	---	---	---	---	---	3.94	2.34	---	---	---	---	20
21	---	---	---	---	---	---	4.93	3.31	---	---	---	---	21
22	---	---	---	---	---	---	7.33	1.96	---	---	---	---	22
23	---	---	---	---	---	---	4.95	1.65	---	---	---	---	23
24	---	---	---	---	---	7.05A	4.69	1.51	---	---	---	---	24
25	---	---	---	---	---	5.92	4.38	1.40	---	---	---	---	25
26	---	---	---	---	---	6.35	2.80	1.29	---	---	---	---	26
27	---	---	---	---	---	7.69	2.42	1.21	---	---	---	---	27
28	---	---	---	---	---	7.78	2.45	1.15	---	---	---	---	28
29	---		---	---	---	13.4	16.3	1.06	---	---	---	---	29
30	---		---	---	---	14.8	14.7	0.911	---	---	---	---	30
31	---		---		---		12.1	0.785		---		---	31
TOTAL	---	---	---	---	---	---	180.94	103.226	---	---	---	---	TOTAL
MEAN	---	---	---	---	---	---	5.84	3.33	---	---	---	---	MEAN
MAX	---	---	---	---	---	---	16.3	8.44	---	---	---	---	MAX
MIN	---	---	---	---	---	---	2.32	0.785	---	---	---	---	MIN

SUMMARY FOR THE YEAR 1981

DISCHARGES IN CUBIC METRES PER SECOND

MAXIMUM INSTANTANEOUS,
27.4 IN SEP

TYPE OF GAUGE - RECORDING
LOCATION - LAT 66 08 55 N
LONG 65 41 19 W
DRAINAGE AREA, 65.5 km²
A - MANUAL GAUGE

E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	15 600
FEB	---	AUG	8 920
MAR	---	SEP	---
APR	---	OCT	---
MAY	---	NOV	---
JUN	---	DEC	---

NORTHWEST TERRITORIES

ELLICE RIVER NEAR THE MOUTH - STATION NO. 10QD001

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1981

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	0B	0B	0B	0B	0B	0 B	228 E	91.4	49.6	78.3	24.4 B	1.48 B	1
2	0B	0B	0B	0B	0B	0 B	216	87.5	49.4	79.1	23.0 B	1.01 B	2
3	0B	0B	0B	0B	0B	0 B	207	83.7	58.5	87.3	22.1 B	0.850B	3
4	0B	0B	0B	0B	0B	0 B	198	78.0	81.8	109	21.0 B	0.510B	4
5	0B	0B	0B	0B	0B	0 B	189	73.4	101	121	20.3 B	0.480B	5
6	0B	0B	0B	0B	0B	0.003B	185	70.3	100	116	19.5 B	0.400B	6
7	0B	0B	0B	0B	0B	0.150B	187	67.5	96.1	99.4	18.0 B	0.300B	7
8	0B	0B	0B	0B	0B	0.200B	182	63.6	100	110	16.6 B	0.250B	8
9	0B	0B	0B	0B	0B	0.240B	175	59.1	97.7	113	15.2 B	0.180B	9
10	0B	0B	0B	0B	0B	0.520B	176	56.7	90.5	111	13.9 B	0.100B	10
11	0B	0B	0B	0B	0B	0.680B	185	54.6	87.2	109	12.8 B	0.050B	11
12	0B	0B	0B	0B	0B	1.25 B	204	53.3	89.6	99.7	12.0 B	0 B	12
13	0B	0B	0B	0B	0B	2.00 B	224	52.1	90.1	78.8	11.0 B	0 B	13
14	0B	0B	0B	0B	0B	3.50 B	236	52.4	92.6	57.7	10.2 B	0 B	14
15	0B	0B	0B	0B	0B	4.87 B	244	51.0	97.1	52.8	9.67B	0 B	15
16	0B	0B	0B	0B	0B	7.50 E	237	50.6	99.5	53.4	8.97B	0 B	16
17	0B	0B	0B	0B	0B	12.4 E	225	50.4	99.4	48.2	8.22B	0 B	17
18	0B	0B	0B	0B	0B	29.6 E	212	49.6	96.6	46.1B	7.61B	0 B	18
19	0B	0B	0B	0B	0B	60.0 E	200	48.0	100	44.0B	6.72B	0 B	19
20	0B	0B	0B	0B	0B	110 E	191	47.9	102	42.7B	6.00B	0 B	20
21	0B	0B	0B	0B	0B	180 E	181	47.3	96.9	40.2B	5.42B	0 B	21
22	0B	0B	0B	0B	0B	228 E	165	46.2	94.9	38.3B	4.75B	0 B	22
23	0B	0B	0B	0B	0B	248 E	155	46.4	97.8	36.4B	4.25B	0 B	23
24	0B	0B	0B	0B	0B	256 E	147	46.6	93.2	34.7B	3.87B	0 B	24
25	0B	0B	0B	0B	0B	259 E	136	46.3	92.5	33.2B	3.50B	0 B	25
26	0B	0B	0B	0B	0B	259 E	127	46.0	91.5	31.6B	3.09B	0 B	26
27	0B	0B	0B	0B	0B	260 E	115	46.1	82.2	29.8B	2.82B	0 B	27
28	0B	0B	0B	0B	0B	257 E	104	47.0	75.2	28.7B	2.50B	0 B	28
29	0B		0B	0B	0B	250 E	102	47.4	76.6	27.7B	2.12B	0 B	29
30	0B		0B	0B	0B	242 E	97.9	48.9	69.2	26.6B	1.79B	0 B	30
31	0B		0B		0B		96.9	49.7		25.4B		0 B	31
TOTAL	0	0	0	0	0	2 671.913	5 527.8	1 759.0	2 648.7	2 009.1	321.50	5.610	TOTAL
MEAN	0	0	0	0	0	89.1	178	56.7	88.3	64.8	10.7	0.181	MEAN
MAX	0	0	0	0	0	260	244	91.4	102	121	24.4	1.48	MAX
MIN	0	0	0	0	0	0	96.9	46.0	49.4	25.4	1.79	0	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 40.9
MAXIMUM DAILY, 260E ON JUN 27
MINIMUM DAILY, 0B ON JAN 1

SUMMARY FOR THE YEAR 1981

TYPE OF GAUGE - RECORDING
LOCATION - LAT 67 42 30 N
LONG 104 08 30 W
DRAINAGE AREA, 17 000 km²

B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	0	JUL	478 000
FEB	0	AUG	152 000
MAR	0	SEP	229 000
APR	0	OCT	174 000
MAY	0	NOV	27 800
JUN	231 000	DEC	485

TOTAL DISCHARGE, 1 290 000 dam³

EMILE RIVER AT OUTLET OF BASLER LAKE - STATION NO. 07TB001

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1981

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	11.0E	10.1	9.24E	8.13	7.13	7.48	7.70	8.57	9.29	9.52	9.43	10.4 E	1
2	11.0E	10.1	9.23E	8.07	7.13	7.55	7.78	8.80	9.24	9.59	9.51	10.3 E	2
3	11.0E	10.1	9.22E	7.87	7.11	7.57	7.92	9.01	9.02	9.64	9.51	10.2 E	3
4	11.0E	10.1	9.21E	7.81	7.09	7.69	8.03	8.82	9.18	9.49	9.48	10.1 E	4
5	11.0E	10.1	9.20E	7.75	7.13	7.69	8.02	8.57	9.34	9.57	9.37	10.0 E	5
6	11.0E	10.1	9.20E	7.75	7.06	7.81	8.01	8.57	9.23	9.56	9.24	9.94E	6
7	10.6E	9.92	9.20E	7.69	7.11	7.99	8.17	8.64	8.86	9.66	9.23	9.88E	7
8	10.6E	9.79	9.19E	7.63	7.11	7.93	8.34	8.65	8.63	9.68	9.37	9.83E	8
9	10.6E	9.65E	9.19E	7.69	7.14	7.87	8.41	8.64	8.88	9.61	9.31	9.80E	9
10	10.6E	9.59E	9.19E	7.52	7.18	7.81	8.38	8.70	8.74	9.60	9.31	9.77E	10
11	10.6E	9.56E	9.18E	7.52	7.16	7.81	8.27	8.70	8.74E	9.55	9.42	9.74E	11
12	10.6E	9.54E	9.18A	7.47	7.13	7.81	8.20	8.71	8.80E	9.55	9.37	9.71E	12
13	10.5E	9.53E	8.93	7.63	7.14	7.75	8.49	8.61	8.79E	9.46	9.31	9.68E	13
14	10.5E	9.52E	8.87	7.81	7.14	7.75	8.39	8.57	8.79E	9.56	9.42	9.65E	14
15	10.5E	9.50E	8.93	7.79	7.16	7.63	8.11	8.73	8.80E	9.68	9.42	9.61E	15
16	10.4E	9.47E	8.87	7.71	7.18	7.52	8.26	8.69	8.81E	9.83	9.44	9.58E	16
17	10.4E	9.46E	8.67	7.63	7.24	7.69	8.49	8.98	8.81E	9.59	9.45	9.55E	17
18	10.3E	9.43E	8.67	7.63	7.19	7.63	8.90	9.00	8.82E	9.63	9.46	9.52E	18
19	10.3E	9.41E	8.67	7.63	7.26	7.69	8.72	8.97	8.82E	9.56	9.58	9.49E	19
20	10.3E	9.40E	8.55	7.61	7.33	7.52	8.72	8.97	8.84E	9.58	9.62	9.46E	20
21	10.3	9.38E	8.49	7.59	7.35	7.69	8.77	9.00	8.90E	9.53	9.69	9.44E	21
22	10.4	9.36E	8.43	7.52	7.31	7.75	8.75	9.07	8.99E	9.40	9.69	9.42E	22
23	10.4	9.35E	8.49	7.50	7.38	7.75	8.64	9.18	8.99E	9.61	9.80E	9.40E	23
24	10.4	9.33E	8.37	7.50	7.43	7.59A	8.59	9.20	9.00E	9.38	9.90E	9.38E	24
25	10.4	9.31E	8.31	7.45	7.40	7.61	8.44	9.05	9.00E	9.41	10.0 E	9.36E	25
26	10.3	9.30E	8.25	7.38	7.47	7.62	8.45	9.07	9.00E	9.40	10.1 E	9.34E	26
27	10.3	9.28E	8.13	7.36	7.48	7.72	8.62	9.29	9.02E	9.42	10.2 E	9.32E	27
28	10.3	9.25E	8.25	7.21	7.48	7.69	8.72	9.81	9.05E	9.39	10.3 E	9.30E	28
29	10.3		8.19	7.19	7.40	7.70	8.37	9.17	9.16A	9.22	10.4 E	9.28E	29
30	10.3		8.25	7.07	7.52	7.71	8.43	9.20	9.33	9.33	10.5 E	9.26E	30
31	10.2		8.13		7.43		8.67	9.24		9.50		9.24E	31
TOTAL	326.4	268.93	271.88	228.11	224.77	231.02	259.76	276.18	268.87	295.50	288.83	288.95	TOTAL
MEAN	10.5	9.60	8.77	7.60	7.25	7.70	8.38	8.91	8.96	9.53	9.63	9.64	MEAN
MAX	11.0	10.1	9.24	8.13	7.52	7.99	8.90	9.81	9.34	9.83	10.5	10.4	MAX
MIN	10.2	9.25	8.13	7.07	7.06	7.48	7.70	8.57	8.63	9.22	9.23	9.24	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 8.87
MAXIMUM DAILY, 11.0E ON JAN 1
MINIMUM DAILY, 7.06 ON MAY 6

SUMMARY FOR THE YEAR 1981

TYPE OF GAUGE - RECORDING
LOCATION - LAT 63 47 35 N
LONG 116 07 10 W
DRAINAGE AREA, 5 100 km²
A - MANUAL GAUGE

E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	28 200	JUL	22 400
FEB	23 200	AUG	23 900
MAR	23 500	SEP	23 200
APR	19 700	OCT	25 500
MAY	19 400	NOV	25 000
JUN	20 000	DEC	25 800

TOTAL DISCHARGE, 280 000 dam³

NORTHWEST TERRITORIES

ENNADAI LAKE AT ENNADAI - STATION NO. 06LA002

DAILY WATER LEVEL IN METRES FOR 1981

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	---	---	311.779	312.487	312.660	312.542	312.258	312.101	311.985	311.890	1
2	---	---	---	---	311.779	312.495	312.657	312.538	312.256	312.102	311.978	311.890	2
3	---	---	---	---	311.779	312.522	312.659	312.539	312.256	312.102	311.969	311.889	3
4	---	---	---	---	311.779	312.529	312.667	312.516	312.255	312.099	311.968	311.890	4
5	---	---	---	---	311.779	312.544	312.664	312.509	312.248	312.091	311.968	311.889	5
6	---	---	---	---	311.768	312.573	312.643	312.497	312.244	312.079	311.964	311.889	6
7	---	---	---	---	311.771	312.592	312.628	312.471	312.223	312.074	311.960	311.890	7
8	---	---	---	---	311.765	312.608	312.611	312.480	312.206	312.069	311.956	311.889	8
9	---	---	---	---	311.759	312.615	312.649	312.483	312.206	312.063	311.950	311.890	9
10	---	---	---	---	311.756	312.625	312.649	312.475	312.179	312.048	311.947	311.888	10
11	---	---	---	---	311.756	312.621	312.636	312.433	312.187	312.044	311.943	311.885	11
12	---	---	---	---	311.748	312.631	312.630	312.435	312.185	312.043	311.937	311.885	12
13	---	---	---	---	311.739	312.638	312.639	312.412	312.186	312.041	311.930	311.885	13
14	---	---	---	---	311.737	312.636	312.619	312.435	312.186	312.042	311.925	311.885	14
15	---	---	---	---	311.747	312.639	312.626	312.445	312.186	312.040	311.922	311.885	15
16	---	---	---	---	311.747	312.634	312.629	312.408	312.185	312.039	311.917	311.884	16
17	---	---	---	---	311.748	312.620	312.628	312.431	312.184	312.020	311.913	311.883	17
18	---	---	---	---	311.758	312.624	312.604	312.380	312.142	312.010	311.910	311.884	18
19	---	---	---	---	311.785	312.614	312.606	312.380	312.140	312.006	311.906	311.883	19
20	---	---	---	---	311.826	312.611	312.618	312.417	312.142	312.006	311.904	311.883	20
21	---	---	---	---	311.903	312.600	312.612	312.381	312.144	312.005	311.904	311.883	21
22	---	---	---	---	311.987	312.612	312.593	312.363	312.141	312.004	311.903	311.883	22
23	---	---	---	---	312.047	312.615	312.586	312.378	312.126	312.002	311.901	311.883	23
24	---	---	---	---	312.135	312.608	312.557	312.356	312.120	312.001	311.898	311.882	24
25	---	---	---	---	312.195	312.598	312.568	312.329A	312.117	312.000	311.894	311.880	25
26	---	---	---	---	312.257	312.606	312.572	312.335A	312.113	311.999	311.892	311.877	26
27	---	---	---	---	312.323	312.618	312.578	312.331	312.107	311.997	311.892	311.879	27
28	---	---	---	---	312.366	312.646	312.554	312.316	312.105	311.998	311.891	311.879	28
29	---		---	---	312.404	312.654	312.543	312.261	312.104	311.998	311.891	311.881	29
30	---		---	---	312.436	312.656	312.565	312.262	312.103	311.994	311.891	311.880	30
31	---		---		312.469		312.547	312.259		311.990		311.880	31
MEAN	---	---	---	---	311.930	312.602	312.613	312.413	312.165	312.036	311.927	311.885	MEAN
MAX	---	---	---	---	312.469	312.656	312.667	312.542	312.258	312.102	311.985	311.890	MAX
MIN	---	---	---	---	311.737	312.487	312.543	312.259	312.103	311.990	311.891	311.877	MIN

SUMMARY FOR THE YEAR 1981

WATER LEVELS IN METRES

MAXIMUM DAILY, 312.667 ON JUL 4
MINIMUM DAILY, 311.737 ON MAY 14
MAXIMUM INSTANTANEOUS,
312.691 AT 21:00 CST ON JUL 4

WATER LEVELS ARE REFERRED TO ASSUMED DATUM

TYPE OF GAUGE - RECORDING
LOCATION - LAT 61 08 00 N
LONG 100 54 00 W

A - MANUAL GAUGE

NATURAL FLOW

FAR CREEK AT FAR LAKE OUTLET - STATION NO. 060A003

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1981

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	---	---	---	0	0.012	0.001	---	---	---	---	1
2	---	---	---	---	---	0	0.010	0.001	---	---	---	---	2
3	---	---	---	---	---	0	0.009	0.001	---	---	---	---	3
4	---	---	---	---	---	0	0.009	0	---	---	---	---	4
5	---	---	---	---	---	0	0.007	0	---	---	---	---	5
6	---	---	---	---	---	0	0.007	0	---	---	---	---	6
7	---	---	---	---	---	0	0.006	0	---	---	---	---	7
8	---	---	---	---	---	0	0.005	0	---	---	---	---	8
9	---	---	---	---	---	0	0.005	0	---	---	---	---	9
10	---	---	---	---	---	0	0.004	0	---	---	---	---	10
11	---	---	---	---	---	0	0.004	0	---	---	---	---	11
12	---	---	---	---	---	0.006A	0.003	0	---	---	---	---	12
13	---	---	---	---	---	0.092A	0.003	0	---	---	---	---	13
14	---	---	---	---	---	0.095A	0.003	0	---	---	---	---	14
15	---	---	---	---	---	0.046A	0.003	0	---	---	---	---	15
16	---	---	---	---	---	0.033A	0.002	0	---	---	---	---	16
17	---	---	---	---	---	0.029	0.002	0	---	---	---	---	17
18	---	---	---	---	---	0.020	0.002	0	---	---	---	---	18
19	---	---	---	---	---	0.020	0.002	0	---	---	---	---	19
20	---	---	---	---	---	0.017	0.002	0	---	---	---	---	20
21	---	---	---	---	---	0.020	0.001	0	---	---	---	---	21
22	---	---	---	---	---	0.021	0.001	0	---	---	---	---	22
23	---	---	---	---	0	0.028	0.001	0	---	---	---	---	23
24	---	---	---	---	0	0.025	0.001	0	---	---	---	---	24
25	---	---	---	---	0	0.031	0.001	0	---	---	---	---	25
26	---	---	---	---	0	0.031	0.001	0	---	---	---	---	26
27	---	---	---	---	0	0.023	0.001	0	---	---	---	---	27
28	---	---	---	---	0	0.019	0.001	0	---	---	---	---	28
29	---		---	---	0	0.018	0.001	0	---	---	---	---	29
30	---		---	---	0	0.015	0.001	0	---	---	---	---	30
31	---		---		0		0.001	0		---		---	31
TOTAL	---	---	---	---	---	0.589	0.111	0.003	---	---	---	---	TOTAL
MEAN	---	---	---	---	---	0.020	0.004	0	---	---	---	---	MEAN
MAX	---	---	---	---	---	0.095	0.012	0.001	---	---	---	---	MAX
MIN	---	---	---	---	---	0	0.001	0	---	---	---	---	MIN

SUMMARY FOR THE MONTHS MAY TO SEP

DISCHARGES IN CUBIC METRES PER SECOND

MAXIMUM DAILY, 0.095A ON JUN 14
MINIMUM DAILY, 0 ON MAY 23
MAXIMUM INSTANTANEOUS,
0.134 AT 20:30 CST ON JUN 13

DATA CONTRIBUTED BY -
FRESHWATER INSTITUTE (DFO) (CANADA)

TYPE OF GAUGE - RECORDING
LOCATION - LAT 63 41 40 N
LONG 90 40 30 W
DRAINAGE AREA, 0.21 km²
A - MANUAL GAUGE

NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	9.59
FEB	---	AUG	0.26
MAR	---	SEP	---
APR	---	OCT	---
MAY	---	NOV	---
JUN	50.9	DEC	---

FERGUSON RIVER BELOW O'NEIL LAKE - STATION NO. 06NB002

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1981

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	0B	0B	0 B	---	440E	241	---	---	---	---	1
2	---	---	0B	0B	0 B	---	440E	240	---	---	---	---	2
3	---	---	0B	0B	0 B	---	440E	238	---	---	---	---	3
4	---	---	0B	0B	0 B	---	438E	228	---	---	---	---	4
5	---	---	0B	0B	0 B	---	435E	218	---	---	---	---	5
6	---	---	0B	0B	0 B	---	430E	211	---	---	---	---	6
7	---	---	0B	0B	0 B	---	425E	205	---	---	---	---	7
8	---	---	0B	0B	0 B	---	415E	199	---	---	---	---	8
9	---	---	0B	0B	0 B	---	410E	193	---	---	---	---	9
10	---	---	0B	0B	0 B	---	405E	187	---	---	---	---	10
11	---	---	0B	0B	0 B	---	401E	183	---	---	---	---	11
12	---	---	0B	0B	0 B	---	395E	182	---	---	---	---	12
13	---	---	0B	0B	0 B	---	389A	181	---	---	---	---	13
14	---	---	0B	0B	0 B	---	380	180	---	---	---	---	14
15	---	---	0B	0B	0 B	---	372	176	---	---	---	---	15
16	---	---	0B	0B	0 B	---	367	174	---	---	---	---	16
17	---	---	0B	0B	0 B	---	363	172	---	---	---	---	17
18	---	---	0B	0B	0 B	---	359	169	---	---	---	---	18
19	---	---	0B	0B	0 B	---	359	167	---	---	---	---	19
20	---	---	0B	0B	0 B	---	345	165	---	---	---	---	20
21	---	---	0B	0B	0 B	---	335	162	---	---	---	---	21
22	---	---	0B	0B	0 B	---	328	162	---	---	---	---	22
23	---	---	0B	0B	0 B	---	320	160	---	---	---	---	23
24	---	---	0B	0B	0 B	---	310	152	---	---	---	---	24
25	---	---	0B	0B	0 B	---	301	149	---	---	---	---	25
26	---	---	0B	0B	0 B	---	293	148A	---	---	---	---	26
27	---	---	0B	0B	0 B	---	282	138E	---	---	---	---	27
28	---	---	0B	0B	0 B	---	274	133E	---	---	---	---	28
29	---		0B	0B	0 B	---	267	130E	---	---	---	---	29
30	---		0B	0B	0.010B	---	259	128E	---	---	---	---	30
31	---		0B		0.025B		249	124E		---		---	31
TOTAL	---	---	0	0	0.035	---	11 226	5 495	---	---	---	---	TOTAL
MEAN	---	---	0	0	0.001	---	362	177	---	---	---	---	MEAN
MAX	---	---	0	0	0.025	---	440	241	---	---	---	---	MAX
MIN	---	---	0	0	0	---	249	124	---	---	---	---	MIN

SUMMARY FOR THE MONTHS MAR TO OCT

DISCHARGES IN CUBIC METRES PER SECOND

MINIMUM DAILY, 0B ON MAR 1

TYPE OF GAUGE - RECORDING
LOCATION - LAT 62 28 25 N
LONG 95 03 15 W
DRAINAGE AREA, 12 800 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	970 000
FEB	---	AUG	475 000
MAR	0	SEP	---
APR	0	OCT	---
MAY	3.02	NOV	---
JUN	---	DEC	---

REMARKS - ADDITIONAL RECORD MAY BE OBTAINED FROM HISTORIC FILES

FLAT RIVER AT CANTUNG CAMP - STATION NO. 10EA002

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1981

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	0.361B	0.375B	0.290B	0.360B	0.585B	9.93	4.34	7.56	2.73	1.69	1.01 B	0.749B	1
2	0.369B	0.374B	0.290B	0.356B	0.556B	8.10	4.41	6.45	2.44	1.67	0.969B	0.754B	2
3	0.384B	0.361B	0.290B	0.365B	0.483B	7.01	4.53	5.56	2.24	1.53	0.924B	0.744B	3
4	0.387B	0.350B	0.288B	0.364B	0.624B	6.05	4.63	5.24	2.16	1.44	1.02 B	0.746B	4
5	0.397B	0.340B	0.285B	0.377B	0.571	6.25	4.63	5.62	2.16	1.27	1.02 B	0.794B	5
6	0.405B	0.346B	0.285B	0.371B	0.707	5.86	4.54	5.91	2.18	1.23	1.01 B	0.804B	6
7	0.398B	0.352B	0.285B	0.443B	0.884	5.72	4.34	5.63	2.37	1.27	1.01 B	0.782B	7
8	0.347B	0.338B	0.285B	0.430B	1.09	6.86	4.31	5.29	2.74	1.26	0.875B	0.733B	8
9	0.401B	0.321B	0.283B	0.499B	1.38	6.73	4.41	5.22	3.13	1.25	0.865B	0.658B	9
10	0.438B	0.320B	0.285B	0.366B	1.80	6.15	4.44	5.31	3.52	1.23	0.877B	0.587B	10
11	0.428B	0.317B	0.285B	0.378B	2.27	5.99	5.10	4.89	3.59	1.19	0.884B	0.604B	11
12	0.426B	0.321B	0.285B	0.403B	2.16	5.90	6.67	4.96	3.60	1.19	0.890B	0.604B	12
13	0.422B	0.319B	0.285B	0.420B	1.93	6.28	7.12	4.78	3.60	1.18	0.870B	0.602B	13
14	0.415B	0.307B	0.285B	0.387B	1.74	6.66	6.37	4.51	3.59	1.19	0.709B	0.584B	14
15	0.399B	0.317B	0.287B	0.379B	1.68	6.74	5.98	4.21	3.56	1.33	0.810B	0.570B	15
16	0.386B	0.339B	0.289B	0.339B	1.74	6.09	6.31	3.78	3.54	1.49	0.833B	0.555B	16
17	0.386B	0.348B	0.290B	0.351B	2.05	5.17	6.79	3.55	3.30	1.39	0.815B	0.555B	17
18	0.355B	0.352B	0.291B	0.380B	2.50	4.62	7.07	3.24	3.03	1.35	0.837B	0.549B	18
19	0.391B	0.353B	0.293B	0.387B	2.96	4.43	7.24	3.02	2.92	1.33	0.860B	0.551B	19
20	0.374B	0.362B	0.295B	0.391B	3.72	4.45	7.08	3.05	2.92	1.19	0.859B	0.550B	20
21	0.282B	0.364B	0.298B	0.400B	4.15	4.48	6.28	3.14	2.79	1.04B	0.856B	0.549B	21
22	0.396B	0.368B	0.302B	0.403B	5.69	4.94	6.03	3.40	2.45	1.22B	0.849B	0.551B	22
23	0.378B	0.372B	0.305B	0.396B	6.72	5.51	6.05	3.33	2.30	1.23B	0.847B	0.514B	23
24	0.404B	0.356B	0.308B	0.396B	6.15	5.04	5.97	3.03	2.23	1.21B	0.847B	0.452B	24
25	0.371B	0.305B	0.312B	0.399B	7.70	4.58	5.92	2.98	2.12	1.11B	0.841B	0.474B	25
26	0.243B	0.300B	0.318B	0.404B	10.4	4.40	6.89	3.51	2.03	1.05B	0.819B	0.504B	26
27	0.320B	0.298B	0.322B	0.421B	11.7	4.45	7.95	4.15	1.93	1.28B	0.748B	0.511B	27
28	0.336B	0.295B	0.328B	0.451B	11.9	4.68	7.42	4.22	1.88	1.13B	0.748B	0.488B	28
29	0.342B		0.334B	0.456B	12.4	4.75	6.40	3.83	1.84	1.09B	0.750B	0.444B	29
30	0.357B		0.342B	0.476B	12.2	4.54	6.98	3.29	1.71	1.06B	0.749B	0.432B	30
31	0.367B		0.350B		11.6		8.48	2.97		1.04B		0.406B	31
TOTAL	11.665	9.470	9.270	11.948	132.040	172.36	184.68	135.63	80.60	39.13	26.001	18.400	TOTAL
MEAN	0.376	0.338	0.299	0.398	4.26	5.75	5.96	4.38	2.69	1.26	0.867	0.594	MEAN
MAX	0.438	0.375	0.350	0.499	12.4	9.93	8.48	7.56	3.60	1.69	1.02	0.804	MAX
MIN	0.243	0.295	0.283	0.339	0.483	4.40	4.31	2.97	1.71	1.04	0.709	0.406	MIN

SUMMARY FOR THE YEAR 1981

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 2.28
MAXIMUM DAILY, 12.4 ON MAY 29
MINIMUM DAILY, 0.243B ON JAN 26
MAXIMUM INSTANTANEOUS,
12.8 AT 09:11 MST ON MAY 29

TYPE OF GAUGE - RECORDING
LOCATION - LAT 61 57 40 N
LONG 128 13 00 W
DRAINAGE AREA, 152 km²

B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	1 010	JUL	16 000
FEB	818	AUG	11 700
MAR	801	SEP	6 960
APR	1 030	OCT	3 380
MAY	11 400	NOV	2 250
JUN	14 900	DEC	1 590

TOTAL DISCHARGE, 71 800 dam³

FLAT RIVER NEAR THE MOUTH - STATION NO. 10EA003

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1981

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	27.0B	18.5B	16.0B	15.5B	27.0B	321	152	109	85.1	58.8	20.5B	24.0B	1
2	26.5B	18.5B	16.0B	15.3B	30.0B	265	147	106	90.0	58.7	21.5B	24.0B	2
3	26.5B	18.0B	16.0B	15.5B	33.0B	226	155	101	82.8	57.1	22.5B	24.0B	3
4	26.0B	18.0B	16.0B	15.5B	37.5B	199	157	97.1	76.1	54.1	23.0B	24.0B	4
5	26.0B	17.5B	16.0B	15.5B	42.0B	204	145	97.1	71.7	49.2	23.5B	23.5B	5
6	25.5B	17.5B	16.0B	15.5B	46.0B	225	134	103	69.5	44.7	24.0B	23.5B	6
7	25.5B	17.5B	16.0B	15.5B	52.0B	248	131	110	69.2	48.2	24.5B	23.5B	7
8	25.5B	17.0B	16.0B	15.5B	58.0B	486	126	99.1	72.1	50.6	24.5B	23.5B	8
9	25.0B	17.0B	16.0B	15.5B	65.0B	456	124	95.8	87.3	51.0	24.5B	23.0B	9
10	25.0B	17.0B	16.0B	15.5B	71.0B	417	121	92.9	104	50.7	25.0B	23.0B	10
11	25.0B	17.0B	16.0B	15.5B	80.0E	355	120	90.9	117	49.6	25.0B	23.0B	11
12	24.7B	16.5B	16.0B	15.5B	88.0E	304	131	87.5	120	48.9	25.0B	23.0B	12
13	24.5B	16.5B	16.0B	15.5B	100 E	280	148	83.2	115	48.0	25.0B	23.0B	13
14	24.0B	16.5B	15.5B	15.5B	110 E	280	149	80.8	104	47.3	25.5B	22.5B	14
15	23.5B	16.5B	15.5B	15.5B	140 E	274	137	76.7	94.1	48.6	25.5B	22.5B	15
16	23.5B	16.5B	15.5B	15.8B	180 E	283	131	75.3	88.7	53.9	25.5B	22.5B	16
17	23.0B	16.5B	15.5B	16.0B	225 E	268	136	71.5	83.9	58.0	25.5B	22.5B	17
18	22.5B	16.5B	15.5B	16.0B	290 E	233	140	68.0	81.5	57.6	25.5B	22.5B	18
19	22.5B	16.5B	15.5B	16.2B	366 A	228	144	64.7	82.3	56.3	25.5B	22.0B	19
20	22.0B	16.5B	15.5B	16.4B	370	239	143	62.1	82.6	51.2	25.5B	22.0B	20
21	21.5B	16.5B	15.5B	16.5B	342	233	138	60.0	78.4	42.4	25.5B	22.0B	21
22	21.5B	16.5B	15.5B	16.8B	326	221	129	60.1	75.2	26.7	25.0B	22.0B	22
23	21.0B	16.5B	15.5B	17.2B	423	223	123	59.4	71.5	23.0B	25.0B	22.0B	23
24	20.5B	16.4B	15.5B	17.6B	358	221	122	59.5	68.5	20.5B	25.0B	21.5B	24
25	20.5B	16.0B	15.5B	18.0B	318	197	121	58.5	65.7	19.5B	25.0B	21.5B	25
26	20.0B	16.0B	15.5B	18.5B	354	182	115	56.9	63.8	19.0B	24.5B	21.5B	26
27	19.5B	16.0B	15.5B	19.5B	385	173	112	56.7	61.9	19.0B	24.5B	21.5B	27
28	19.5B	16.0B	15.5B	20.0B	361	173	115	68.3	60.5	19.0B	24.5B	21.5B	28
29	19.0B		15.5B	21.4B	347	173	113	93.3	59.5	19.0B	24.5B	21.0B	29
30	19.0B		15.5B	22.0B	346	165	107	94.4	57.9	19.5B	24.2B	21.0B	30
31	19.0B		15.5B		343		103	85.0		20.0B		21.0B	31
TOTAL	714.7	471.9	487.0	500.2	6 313.5	7 752	4 069	2 523.8	2 439.8	1 290.1	734.7	698.0	TOTAL
MEAN	23.1	16.9	15.7	16.7	204	258	131	81.4	81.3	41.6	24.5	22.5	MEAN
MAX	27.0	18.5	16.0	22.0	423	486	157	110	120	58.8	25.5	24.0	MAX
MIN	19.0	16.0	15.5	15.3	27.0	165	103	56.7	57.9	19.0	20.5	21.0	MIN

SUMMARY FOR THE YEAR 1981

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 76.7
MAXIMUM DAILY, 486 ON JUN 8
MINIMUM DAILY, 15.3B ON APR 2
MAXIMUM INSTANTANEOUS,
543 AT 15:35 MST ON JUN 8

TYPE OF GAUGE - RECORDING
LOCATION - LAT 61 32 00 N
LONG 125 24 20 W
DRAINAGE AREA, 8 500 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	61 800	JUL	352 000
FEB	40 800	AUG	218 000
MAR	42 100	SEP	211 000
APR	43 200	OCT	111 000
MAY	545 000	NOV	63 500
JUN	670 000	DEC	60 300

TOTAL DISCHARGE, 2 420 000 dam³

FRESHWATER CREEK NEAR CAMBRIDGE BAY - STATION NO. 10TA001

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1981

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	0B	0B	0B	0B	0B	0 B	21.0 E	8.88	4.50	1.30 B	0B	0B	1
2	0B	0B	0B	0B	0B	0.020B	20.0 E	8.48	4.96	1.20 B	0B	0B	2
3	0B	0B	0B	0B	0B	0.030B	19.0 E	8.42	4.65	1.09 B	0B	0B	3
4	0B	0B	0B	0B	0B	0.040B	18.4 E	8.10	4.19	1.00 B	0B	0B	4
5	0B	0B	0B	0B	0B	0.050B	17.5 E	7.76	4.04	0.950B	0B	0B	5
6	0B	0B	0B	0B	0B	0.100B	17.0 E	7.68	4.26	0.800B	0B	0B	6
7	0B	0B	0B	0B	0B	0.180B	16.3 E	7.35	4.17	0.750B	0B	0B	7
8	0B	0B	0B	0B	0B	0.220B	16.2	7.26	3.92	0.680B	0B	0B	8
9	0B	0B	0B	0B	0B	0.360B	16.7	7.25	3.95	0.590B	0B	0B	9
10	0B	0B	0B	0B	0B	0.400B	16.3	7.39	3.97	0.520B	0B	0B	10
11	0B	0B	0B	0B	0B	0.580B	16.1	7.00	3.51	0.480B	0B	0B	11
12	0B	0B	0B	0B	0B	0.840B	15.2	6.65	3.39	0.400B	0B	0B	12
13	0B	0B	0B	0B	0B	1.30 B	14.6	6.27	3.40	0.370B	0B	0B	13
14	0B	0B	0B	0B	0B	2.50 B	14.6	6.11	3.39	0.280B	0B	0B	14
15	0B	0B	0B	0B	0B	5.80 B	14.4	6.29	3.18	0.220B	0B	0B	15
16	0B	0B	0B	0B	0B	12.0 B	14.4	6.05	2.96	0.190B	0B	0B	16
17	0B	0B	0B	0B	0B	16.5 B	14.3	6.11	3.19	0.120B	0B	0B	17
18	0B	0B	0B	0B	0B	20.0 B	14.1	6.07	3.48	0.090B	0B	0B	18
19	0B	0B	0B	0B	0B	23.0 E	13.4	6.06	2.94	0.040B	0B	0B	19
20	0B	0B	0B	0B	0B	24.0 E	12.8	5.93	2.84	0.010B	0B	0B	20
21	0B	0B	0B	0B	0B	25.0 E	12.8	6.00	2.70B	0 B	0B	0B	21
22	0B	0B	0B	0B	0B	25.0 E	12.4	5.56	2.50B	0 B	0B	0B	22
23	0B	0B	0B	0B	0B	25.1 E	11.8	5.74	2.40B	0 B	0B	0B	23
24	0B	0B	0B	0B	0B	25.0 E	11.2	5.54	2.30B	0 B	0B	0B	24
25	0B	0B	0B	0B	0B	24.0 E	10.7	5.37	2.20B	0 B	0B	0B	25
26	0B	0B	0B	0B	0B	23.8 E	10.7	5.50	2.10B	0 B	0B	0B	26
27	0B	0B	0B	0B	0B	23.0 E	11.3	5.37	1.90B	0 B	0B	0B	27
28	0B	0B	0B	0B	0B	22.8 E	10.4	5.44	1.80B	0 B	0B	0B	28
29	0B		0B	0B	0B	22.4 E	9.62	5.03	1.60B	0 B	0B	0B	29
30	0B		0B	0B	0B	21.9 E	9.28	4.61	1.45B	0 B	0B	0B	30
31	0B		0B		0B		8.97	4.32		0 B		0B	31
TOTAL	0	0	0	0	0	345.920	441.47	199.59	95.84	11.080	0	0	TOTAL
MEAN	0	0	0	0	0	11.5	14.2	6.44	3.19	0.357	0	0	MEAN
MAX	0	0	0	0	0	25.1	21.0	8.88	4.96	1.30	0	0	MAX
MIN	0	0	0	0	0	0	8.97	4.32	1.45	0	0	0	MIN

SUMMARY FOR THE YEAR 1981

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 3.00
MAXIMUM DAILY, 25.1E ON JUN 23
MINIMUM DAILY, 0B ON JAN 1

TYPE OF GAUGE - RECORDING
LOCATION - LAT 69 07 45 N
LONG 104 59 30 W
DRAINAGE AREA, 1 490 km²
B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	0	JUL	38 100
FEB	0	AUG	17 200
MAR	0	SEP	8 280
APR	0	OCT	957
MAY	0	NOV	0
JUN	29 900	DEC	0

TOTAL DISCHARGE, 94 400 dam³

GORDON RIVER NEAR THE MOUTH - STATION NO. 10QC002

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1981

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	0B	0B	0B	0B	0 B	24.7E	22.8	9.31	12.5E	13.6 E	3.10 B	0.200B	1
2	0B	0B	0B	0B	0 B	30.2E	21.7	9.00	13.2E	13.0 E	2.90 B	0.190B	2
3	0B	0B	0B	0B	0 B	49.4E	20.6	8.74	14.0E	12.5 E	2.75 B	0.170B	3
4	0B	0B	0B	0B	0 B	89.3E	20.0	7.84	15.0E	11.9 E	2.60 B	0.150B	4
5	0B	0B	0B	0B	0 B	108 E	19.8	7.75	15.6E	11.4 E	2.55 B	0.100B	5
6	0B	0B	0B	0B	0 B	91.0	19.5	7.65	16.5E	11.0 E	2.45 B	0.050B	6
7	0B	0B	0B	0B	0 B	79.2	19.3	7.33	17.1E	10.4 E	2.30 B	0.020B	7
8	0B	0B	0B	0B	0 B	66.6	18.5	7.16	18.4A	10.0 E	2.25 B	0 B	8
9	0B	0B	0B	0B	0 B	60.0	18.4	6.69	19.1E	9.60E	2.20 B	0 B	9
10	0B	0B	0B	0B	0 B	54.8	19.4	6.65E	20.0E	9.20E	2.10 B	0 B	10
11	0B	0B	0B	0B	0 B	48.9	20.1	6.50E	20.1E	8.80E	2.00 B	0 B	11
12	0B	0B	0B	0B	0 B	44.8	21.0	6.39E	21.5E	8.40E	1.80 B	0 B	12
13	0B	0B	0B	0B	0 B	42.0	21.5	6.10E	22.0E	7.90E	1.70 B	0 B	13
14	0B	0B	0B	0B	0 B	39.0	22.1	5.79E	22.7E	7.50E	1.55 B	0 B	14
15	0B	0B	0B	0B	0 B	36.9	21.8	5.58E	23.0E	7.20E	1.40 B	0 B	15
16	0B	0B	0B	0B	0 B	35.3	21.0	5.39E	23.4E	6.80B	1.25 B	0 B	16
17	0B	0B	0B	0B	0 B	34.0	20.2	5.24E	23.3E	6.50B	1.20 B	0 B	17
18	0B	0B	0B	0B	0.008B	33.1	19.2	5.30E	23.0E	6.20B	1.10 B	0 B	18
19	0B	0B	0B	0B	0.150B	32.1	18.4	5.50E	22.9E	5.80B	0.950B	0 B	19
20	0B	0B	0B	0B	0.350B	31.0E	17.8	5.85E	22.5E	5.50B	0.860B	0 B	20
21	0B	0B	0B	0B	1.10 B	30.0E	15.9	6.30E	21.9E	5.20B	0.800B	0 B	21
22	0B	0B	0B	0B	2.05 B	29.3E	14.7	6.70E	21.0E	5.00B	0.700B	0 B	22
23	0B	0B	0B	0B	2.65 B	28.5E	14.1	7.20E	20.0E	4.80B	0.600B	0 B	23
24	0B	0B	0B	0B	3.43 B	27.8E	13.7	7.60E	19.0E	4.60B	0.580B	0 B	24
25	0B	0B	0B	0B	4.35 B	27.1E	13.0	8.20E	18.0E	4.40B	0.500B	0 B	25
26	0B	0B	0B	0B	5.60 B	26.4E	12.3	8.60E	17.3E	4.10B	0.450B	0 B	26
27	0B	0B	0B	0B	7.30 B	25.6E	11.3	9.00E	16.5E	4.00B	0.400B	0 B	27
28	0B	0B	0B	0B	9.40 B	24.8E	10.3	9.60E	15.6E	3.75B	0.320B	0 B	28
29	0B		0B	0B	12.4 B	24.5E	10.4	10.0 E	15.0E	3.60B	0.300B	0 B	29
30	0B		0B	0B	16.0 B	24.2A	9.94	11.0 E	14.4E	3.40B	0.250B	0 B	30
31	0B		0B		20.0 B		9.21	11.8 E		3.20B		0 B	31
TOTAL	0	0	0	0	84.788	1 298.5	537.95	231.76	564.5	229.25	43.910	0.880	TOTAL
MEAN	0	0	0	0	2.74	43.3	17.4	7.48	18.8	7.40	1.46	0.028	MEAN
MAX	0	0	0	0	20.0	108	22.8	11.8	23.4	13.6	3.10	0.200	MAX
MIN	0	0	0	0	0	24.2	9.21	5.24	12.5	3.20	0.250	0	MIN

SUMMARY FOR THE YEAR 1981

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 8.20
MAXIMUM DAILY, 108E ON JUN 5
MINIMUM DAILY, 0B ON JAN 1

TYPE OF GAUGE - RECORDING
LOCATION - LAT 66 48 20 N
LONG 107 07 00 W
DRAINAGE AREA, 1 550 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	0	JUL	46 500
FEB	0	AUG	20 000
MAR	0	SEP	48 800
APR	0	OCT	19 800
MAY	7 330	NOV	3 790
JUN	112 000	DEC	76.0

TOTAL DISCHARGE, 258 000 dam³

GREAT BEAR LAKE AT PORT RADIUM - STATION NO. 10JA001

DAILY WATER LEVEL IN METRES FOR 1981

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	2.593	2.614	2.592	2.579	2.551	2.626	---	2.720	2.713	2.664	2.688	2.633	1
2	2.611	2.601	2.603	2.567	2.542	2.634	---	2.720	2.716	2.717	2.676	2.648	2
3	2.621	2.612	2.592	2.579	2.548	2.647	2.692	2.744	2.708	2.739	2.649	2.663	3
4	2.633	2.630	2.606	2.579	2.550	2.649	2.708	2.732	2.710	2.724	2.644	2.638	4
5	2.623	2.645	2.593	2.582	2.556	2.650	2.687	2.732	2.714	2.707	2.674	2.635	5
6	2.636	2.624	2.593	2.587	2.559	2.638	2.698	2.749	2.692	2.688	---	2.643	6
7	2.630	2.627	2.593	2.586	2.548	2.633	2.702	2.742	2.659	2.681	---	2.650	7
8	2.594	2.646	2.586	2.578	2.546	2.637	2.705	2.736	2.701	2.685	---	2.660	8
9	2.602	2.627	2.595	2.593	2.545	2.639	2.700	2.747	2.700	2.702	---	2.644	9
10	2.622	2.628	2.588	2.588	2.551	2.649	2.700	2.743	2.691	2.708	---	2.639	10
11	2.620	2.630	2.597	2.591	2.571	2.656	2.692	2.729	2.696	2.715	2.599	2.647	11
12	2.639A	2.623	2.580	2.581	2.553	2.658	2.709	2.746	2.710	2.715	2.605	2.655	12
13	2.628	2.600	2.592	2.577	2.543	2.654	2.702	2.738	2.701	2.716	2.647	2.650	13
14	2.605	2.613	2.597	2.580	2.535	2.663	2.690	2.738	2.687	2.701	2.630	2.622	14
15	2.622	2.615	2.587	2.587	2.536	2.661	2.703	2.734	2.643	2.710	2.617	2.620	15
16	2.635	2.614	2.591	2.578	2.559	2.655	2.711	2.744	2.698	2.718	2.634	2.632	16
17	2.635	2.610	2.599	2.573	2.554	2.664	2.703	2.743	2.699	2.704	2.678	2.623	17
18	2.623	2.603	2.594	2.563	2.556	2.651	2.695	2.708	2.664	2.694	2.696	2.627	18
19	2.620	2.610	2.590	2.548	2.563	2.662	2.679	2.709	2.669	2.706	2.673	2.639	19
20	2.642	2.594	2.580	2.547	2.565	2.664	2.711	2.734	2.713	2.706	2.659	2.649	20
21	2.617	2.587	2.587	2.560	2.546	2.655	2.716	2.712	2.705	2.697	2.647	2.648	21
22	2.620	2.597	2.600	2.562	2.556	2.662	2.717	2.723	2.726	2.667	2.651	2.656	22
23	2.637	2.613	2.594	2.559	2.572	2.656	2.719	2.737	2.708	2.689	2.661	2.664	23
24	2.630	2.593	2.595	2.568	---	2.667	2.705	2.724	2.704	2.690	2.654	2.641	24
25	2.618	2.583	2.588	2.566	---	---	2.696	2.718	2.703	2.672	2.692	2.647	25
26	2.611	2.597	2.582	2.555	---	---	2.718	2.737	2.694	2.649	2.665	2.667	26
27	2.608	2.598	2.579	2.547	---	---	2.724	2.739	2.660	2.632	2.651	2.680	27
28	2.633	2.584	2.591	2.551	---	---	2.713	2.728	2.670	2.635	2.658	2.664	28
29	2.639		2.593	2.555	2.595	---	2.713	2.714	2.694	2.690	2.657	2.643	29
30	2.613		2.578	2.549	2.595	---	2.733	2.705	2.691	2.670	2.647	2.624	30
31	2.593		2.580		2.606		2.722	2.709		2.706		2.628	31
MEAN	2.621	2.611	2.591	2.571	---	---	---	2.730	2.695	2.693	---	2.644	MEAN
MAX	2.642	2.646	2.606	2.593	---	---	---	2.749	2.726	2.739	---	2.680	MAX
MIN	2.593	2.583	2.578	2.547	---	---	---	2.705	2.643	2.632	---	2.620	MIN

SUMMARY FOR THE YEAR 1981

WATER LEVELS IN METRES

MAXIMUM DAILY, 2.749 ON AUG 6
MINIMUM DAILY, 2.535 ON MAY 14
MAXIMUM INSTANTANEOUS,
2.816 AT 00:58 MST ON AUG 17

TYPE OF GAUGE - RECORDING
LOCATION - LAT 66 05 00 N
LONG 118 02 00 W

A - MANUAL GAUGE

NATURAL FLOW

WATER LEVELS ARE REFERRED TO ASSUMED DATUM
APPLY 153.300 m ADJUSTMENT TO CONVERT TO APPROXIMATE GEODETIC SURVEY OF CANADA DATUM

NORTHWEST TERRITORIES

GREAT BEAR RIVER AT OUTLET OF GREAT BEAR LAKE - STATION NO. 10JC003

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1981

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	472	456	456	456	452	469	499	---	484	520	483	503	1
2	468	461	454	461	453	472	493	---	485	512	478	496	2
3	455	450	456	451	446	477	482	---	486	492	491	490	3
4	456	451	452	450	446	478	482	---	484	492	479	502	4
5	455	446	457	451	448	479	491	---	484	505	470	503	5
6	456	458	458	455	449	482	489	---	496	505	431	496	6
7	464	445	456	453	452	483	487	---	498	507	478	493	7
8	467	454	458	453	451	485	485	---	489	509	488	490	8
9	463	455	459	450	449	484	485	---	491	509	477	489	9
10	456	447	456	446	448	481	488	---	495	510	494	483	10
11	461	442	449	444	447	482	491	---	498	503	499	482	11
12	456	450	457	451	454	484	479	---	493	500	494	477	12
13	458	452	454	455	459	485	487	---	494	501	454	481	13
14	461	450A	458	447	461	482	492	---	499	511	480	486	14
15	457	450	462	450	457	485	491	---	499	504	447	487	15
16	453	447	465	451	454	485	494	---	494	497	446	490	16
17	459	453	463	452	455	483	500	---	490	496	460	494	17
18	459	452	470	457	455	483	499	---	503	505	471	495	18
19	458	451	456	464	455	485	498	508	494	494	483	488	19
20	445	455	458	462	459	484	492	505	478	490	487	482	20
21	464	455	456	460	467	488	494	508	478	488	479	480	21
22	462	452	454	457	467	486	497	503	478	481	492	478	22
23	454	448	457	456	465	491	499	501	478	503	495	478	23
24	458	455	455	456	465	484	---	505	483	497	499	481	24
25	459	459	455	452	468	486	---	502	484	491	488	474	25
26	461	449	457	452	469	487	---	502	486	488	491	480	26
27	455	454	458	453	470	490	---	504	499	485	504	468	27
28	452	459	451	449	471	493	---	501	504	497	499	482	28
29	457		451	444	476	500	---	496	497	474	491	482	29
30	459		455	445	477	498	---	499	491	481	496	473	30
31	460		455		473		---	491		482		476	31
TOTAL	14 220	12 656	14 158	13 583	14 218	14 531	---	---	14 712	15 429	14 424	15 059	TOTAL
MEAN	459	452	457	453	459	484	---	---	490	498	481	486	MEAN
MAX	472	461	470	464	477	500	---	---	504	520	504	503	MAX
MIN	445	442	449	444	446	469	---	---	478	474	431	468	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MAXIMUM DAILY, 520 ON OCT 1
MINIMUM DAILY, 431 ON NOV 6

SUMMARY FOR THE YEAR 1981

TYPE OF GAUGE - RECORDING
LOCATION - LAT 65 08 10 N
LONG 123 30 30 W
DRAINAGE AREA, 146 000 km²
A - MANUAL GAUGE

NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	1 230 000	JUL	---
FEB	1 090 000	AUG	---
MAR	1 220 000	SEP	1 270 000
APR	1 170 000	OCT	1 330 000
MAY	1 230 000	NOV	1 250 000
JUN	1 260 000	DEC	1 300 000

GREAT SLAVE LAKE AT FORT RESOLUTION - STATION NO. 07PB001

DAILY WATER LEVEL IN METRES FOR 1981

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	---	---	---	---	1.288	1.188	1.058	0.998	---	---	1
2	---	---	---	---	---	---	1.288	1.188	1.058	0.998	---	---	2
3	---	---	---	---	---	---	1.288	1.178	1.058	0.988	---	---	3
4	---	---	---	---	---	---	1.288	1.178	1.078	0.988	---	---	4
5	---	---	---	---	---	---	1.288	1.178	1.078	0.988	---	---	5
6	---	---	---	---	---	---	1.288	1.178	1.088	0.988	---	---	6
7	---	---	---	---	---	---	1.288	1.168	1.088	0.988	---	---	7
8	---	---	---	---	---	---	1.288	1.168	1.088	0.978	---	---	8
9	---	---	---	---	---	---	1.288	1.148	1.088	0.978	---	---	9
10	---	---	---	---	---	---	1.288	1.138	1.088	0.978	---	---	10
11	---	---	---	---	---	---	1.288	1.138	1.088	0.978	---	---	11
12	---	---	---	---	---	---	1.278	1.118	1.078	0.978	---	---	12
13	---	---	---	---	---	---	1.278	1.118	1.078	0.978	---	---	13
14	---	---	---	---	---	---	1.268	1.108	1.078	0.958	---	---	14
15	---	---	---	---	---	---	1.268	1.108	1.058	0.938	---	---	15
16	---	---	---	---	---	1.318	1.268	1.108	1.058	0.938	---	---	16
17	---	---	---	---	---	1.318	1.268	1.108	1.048	0.938	---	---	17
18	---	---	---	---	---	1.308	1.258	1.088	1.048	0.938	---	---	18
19	---	---	---	---	---	1.308	1.238	1.088	1.028	0.938	---	---	19
20	---	---	---	---	---	1.308	1.238	1.088	1.038	0.918	---	---	20
21	---	---	---	---	---	1.298	1.228	1.068	1.038	0.530	---	---	21
22	---	---	---	---	---	1.298	1.228	1.068	1.028	---	---	---	22
23	---	---	---	---	---	1.298	1.228	1.048	1.028	---	---	---	23
24	---	---	---	---	---	1.288	1.228	1.038	1.008	---	---	---	24
25	---	---	---	---	---	1.288	1.228	1.038	1.008	---	---	---	25
26	---	---	---	---	---	1.288	1.208	1.028	0.998	---	---	---	26
27	---	---	---	---	---	1.288	1.208	1.038	0.998	---	---	---	27
28	---	---	---	---	---	1.288	1.208	1.038	0.998	---	---	---	28
29	---		---	---	---	1.288	1.188	1.038	0.998	---	---	---	29
30	---		---	---	---	1.288	1.188	1.058	0.998	---	---	---	30
31	---		---		---		1.188	1.058		---		---	31
MEAN	---	---	---	---	---	---	1.253	1.106	1.049	---	---	---	MEAN
MAX	---	---	---	---	---	---	1.288	1.188	1.088	---	---	---	MAX
MIN	---	---	---	---	---	---	1.188	1.028	0.998	---	---	---	MIN

SUMMARY FOR THE YEAR 1981

TYPE OF GAUGE - MANUAL
LOCATION - LAT 61 09 50 N
LONG 113 40 45 W

REGULATED SINCE 1968

WATER LEVELS ARE REFERRED TO ASSUMED DATUM
APPLY 155.350 m ADJUSTMENT TO CONVERT TO GEODETIC SURVEY OF CANADA DATUM

GREAT SLAVE LAKE AT YELLOWKNIFE BAY - STATION NO. 07SB001

DAILY WATER LEVEL IN METRES FOR 1981

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	156.275	156.339	156.377	156.471	156.546	156.617	156.596	156.470A	156.366	156.385	156.177	156.237	1
2	156.289	156.339	156.378	156.446	156.542	156.611	156.589A	---	156.366	156.309	156.171	156.241	2
3	156.293	156.342	156.379	156.461	156.547	156.623	---	---	156.372	156.292	156.184	156.222	3
4	156.289	156.343	156.392	156.463	156.552	156.622	---	---	156.366	156.289	156.198	156.226	4
5	156.290	156.341	156.402	156.450	156.557	156.634	---	---	156.379	156.290	156.253	156.255	5
6	156.292	156.349	156.396	156.464	156.549	156.630	---	---	156.365	156.271	156.123	156.267	6
7	156.300	156.352	156.394	156.484	156.556	156.631	156.590A	---	156.380	156.267	156.108	156.238	7
8	156.300	156.355	156.409	156.501	156.562	156.640	156.566	---	156.375	156.259	156.211	156.219	8
9	156.303	156.349	156.405	156.499	156.566	156.632	156.556	---	156.331	156.249	156.185	156.224	9
10	156.315	156.347	156.409	156.507	156.563	156.637	---	---	156.346	156.245	156.180	156.214	10
11	156.314	156.351	156.412	156.514	156.562	156.636	---	---	156.382	156.251	156.206	156.206	11
12	156.309	156.356	156.405	156.516	156.560	156.641	---	156.452A	156.363	156.257	156.230	156.205	12
13	156.304	156.349	156.413	156.520	156.577	156.630	---	156.492A	156.360	156.249	156.166	156.216	13
14	156.310	156.347	156.417	156.527	156.580	156.647	156.554A	---	156.359	156.252	156.158	156.224	14
15	156.332	156.353	156.408	156.533	156.576	156.632	156.556	---	156.389	156.257	156.190	156.221	15
16	156.330	156.351	156.407	156.528	156.603	156.640	156.558A	---	156.370	156.233	156.217	156.223	16
17	156.317	156.351	156.412	156.531	156.603	156.644	---	---	156.340	156.225	156.200	156.224	17
18	156.319	156.353	156.406	156.525	156.602	156.631	---	---	156.326	156.232	156.198	156.223	18
19	156.325	156.351	156.414	156.525	156.600	156.635	---	---	156.356	156.224	156.185	156.228	19
20	156.336	156.365	156.419	156.528	156.597	156.621	---	---	156.329	156.212	156.205	156.211	20
21	156.320	156.367	156.422	156.530	156.599	156.623	---	---	156.328	156.194	156.181	156.218	21
22	---	156.360	156.432	156.533	156.606	156.619	---	---	156.302	156.277	156.197	156.227	22
23	---	156.369	156.442	156.532	156.603	156.608	---	---	156.290	156.187	156.189	156.229	23
24	---	156.374	156.433	156.533	156.607	156.605	---	---	156.303	156.198	156.252	156.222	24
25	---	156.380	156.433	156.523	156.607	156.612	---	---	156.312	156.204	156.266	156.215	25
26	---	156.383	156.438	156.527	156.597	156.601	---	156.430A	156.325	156.224	156.195	156.222	26
27	---	156.381	156.448	156.543	156.604	156.600	156.488A	156.418	156.385	156.237	156.269	156.231	27
28	156.341A	156.377	156.445	156.545	156.606	156.597	156.468	156.364	156.362	156.259	156.213	156.229	28
29	156.343		156.451	156.546	156.616	156.594	156.510	156.420	156.338	156.244	156.218	156.224	29
30	156.331		156.457	156.545	156.612	156.594	156.503A	156.424	156.323	156.231	156.219	156.220	30
31	156.332		156.463		156.612		156.489	156.439		156.217		156.224	31
MEAN	---	156.356	156.417	156.512	156.583	156.623	---	---	156.350	156.249	156.198	156.225	MEAN
MAX	---	156.383	156.463	156.546	156.616	156.647	---	---	156.389	156.385	156.269	156.267	MAX
MIN	---	156.339	156.377	156.446	156.542	156.594	---	---	156.290	156.187	156.108	156.205	MIN

SUMMARY FOR THE YEAR 1981

WATER LEVELS IN METRES

A - MANUAL GAUGE

TYPE OF GAUGE - RECORDING
LOCATION - LAT 62 26 30 N
LONG 114 21 00 W

REGULATED SINCE 1968

MAXIMUM DAILY, 156.647 ON JUN 14
MINIMUM DAILY, 156.108 ON NOV 7
MAXIMUM INSTANTANEOUS,
156.690 AT 12:45 MST ON JUN 14

WATER LEVELS ARE REFERRED TO GEODETIC SURVEY OF CANADA DATUM

HALDANE RIVER NEAR THE MOUTH - STATION NO. 10JD001

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1981

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	---	---	---	143	22.7	9.73	5.94	25.5	2.18 B	0.050B	1
2	---	---	---	---	---	134	21.5	9.88	5.91	27.7	2.09 B	0.030B	2
3	---	---	---	---	---	128	20.9	10.4	5.81	26.8	2.00 B	0.010B	3
4	---	---	---	---	---	119	21.1	10.8	5.77	21.7	1.85 B	0 B	4
5	---	---	---	---	---	111	21.3	10.5	5.84	19.2 B	1.70 B	0 B	5
6	---	---	---	---	---	106	20.8	10.1	5.76	16.8 B	1.60 B	0 B	6
7	---	---	---	---	---	100	20.2	9.92	5.70	14.6 B	1.50 B	0 B	7
8	---	---	---	---	---	93.3	20.8	9.79	5.72	13.0 B	1.37 B	0 B	8
9	---	---	---	---	---	86.7	20.0	9.40	6.22	11.5 B	1.25 B	0 B	9
10	---	---	---	---	---	80.8	19.2	8.97	6.81	10.3 B	1.15 B	0 B	10
11	---	---	---	---	---	73.9	18.2	8.66	7.57	9.20B	1.05 B	0 B	11
12	---	---	---	---	---	68.1	19.0	8.32	8.67	8.30B	0.980B	0 B	12
13	---	---	---	---	---	63.6	19.4	8.00	9.35	7.60B	0.900B	0 B	13
14	---	---	---	---	---	58.5	18.7	7.75	9.81	6.90B	0.830B	0 B	14
15	---	---	---	---	---	53.4	17.5	7.82	10.2	6.30B	0.750B	0 B	15
16	---	---	---	---	---	48.8	17.0	7.73	10.8	5.70B	0.700B	0 B	16
17	---	---	---	---	---	46.4	15.9	7.59	11.4	5.30B	0.650B	0 B	17
18	---	---	---	---	---	42.7	15.0	7.37	12.0	4.90B	0.550B	0 B	18
19	---	---	---	---	---	39.4	14.2	7.10	12.2	4.50B	0.500B	0 B	19
20	---	---	---	---	---	36.4	13.5	6.99	12.4	4.20B	0.450B	0 B	20
21	---	---	---	---	---	34.0	13.2	7.14	13.3	3.95B	0.400B	0 B	21
22	---	---	---	---	91.9	32.1	12.7	7.24	14.8	3.65B	0.360B	0 B	22
23	---	---	---	---	116	30.5	12.0	7.31	16.1	3.45B	0.330B	0 B	23
24	---	---	---	---	162	29.2	11.2	7.28	16.7	3.25B	0.280B	0 B	24
25	---	---	---	---	178	28.7	10.7	7.11	17.4	3.05B	0.250B	0 B	25
26	---	---	---	---	172	28.2	10.1	6.96	18.2	2.93B	0.200B	0 B	26
27	---	---	---	---	172	27.3	9.54	6.79	20.0	2.77B	0.160B	0 B	27
28	---	---	---	---	206	25.8	9.81	6.61	21.8	2.63B	0.140B	0 B	28
29	---		---	---	192	24.6	9.37	6.49	23.1	2.50B	0.100B	0 B	29
30	---		---	---	178	23.3	9.02	6.40	24.2	2.39B	0.070B	0 B	30
31	---		---		158		9.02	6.14		2.28B		0 B	31
TOTAL	---	---	---	---	---	1 916.7	493.56	252.29	349.48	282.85	26.340	0.090	TOTAL
MEAN	---	---	---	---	---	63.9	15.9	8.14	11.6	9.12	0.878	0.003	MEAN
MAX	---	---	---	---	---	143	22.7	10.8	24.2	27.7	2.18	0.050	MAX
MIN	---	---	---	---	---	23.3	9.02	6.14	5.70	2.28	0.070	0	MIN

SUMMARY FOR THE YEAR 1981

DISCHARGES IN CUBIC METRES PER SECOND

TYPE OF GAUGE - RECORDING
LOCATION - LAT 66 51 00 N
LONG 121 16 10 W
DRAINAGE AREA, 3 990 km²

B - ICE CONDITIONS

NATURAL FLOW

MAXIMUM DAILY, 206 ON MAY 28

MAXIMUM INSTANTANEOUS,
212 AT 04:58 MST ON MAY 28

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	---	JUL	42 600
FEB	---	AUG	21 800
MAR	---	SEP	30 200
APR	---	OCT	24 400
MAY	---	NOV	2 280
JUN	166 000	DEC	7.78

NORTHWEST TERRITORIES

HANBURY RIVER ABOVE HOARE LAKE - STATION NO. 06JB001

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1981

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	3.68B	3.11B	2.98B	2.88B	2.81B	82.0E	91.6	49.6	24.2	17.7 B	9.11B	4.98B	1
2	3.65B	3.10B	2.98B	2.88B	2.82B	98.0E	90.1	48.5	25.0	17.5 B	8.89B	4.93B	2
3	3.62B	3.10B	2.97B	2.88B	2.84B	110 E	88.3	47.5	24.8	17.5 B	8.67B	4.81B	3
4	3.60B	3.09B	2.97B	2.87B	2.87E	115 E	86.7	46.4	24.3	17.2 B	8.44B	4.70B	4
5	3.58B	3.09B	2.97B	2.87B	2.90E	120 E	84.1	45.1	23.8	17.1 B	8.21B	4.64B	5
6	3.56B	3.08B	2.96B	2.87B	2.94E	125 E	82.8	44.4	23.8	16.8 B	8.10B	4.53B	6
7	3.54B	3.08B	2.96B	2.87B	2.98E	130 E	81.3	43.8	23.7	16.4 B	7.93B	4.47B	7
8	3.51B	3.07B	2.96B	2.86B	3.02E	134 E	80.5	42.6	23.4	16.0 B	7.82B	4.42B	8
9	3.48B	3.07B	2.95B	2.86B	3.06E	135 E	79.9	41.5	23.2	15.7 B	7.65B	4.30B	9
10	3.46B	3.06B	2.95B	2.86B	3.10E	136 E	79.0	40.3	23.3	15.5 B	7.48B	4.19B	10
11	3.44B	3.06B	2.95B	2.86B	3.17E	135 E	78.2	38.4	23.4	15.2 B	7.31B	4.13B	11
12	3.42B	3.05B	2.94B	2.85B	3.25E	133 E	76.5	37.5	23.2	14.9 B	7.08B	4.03B	12
13	3.40B	3.05B	2.94B	2.85B	3.33E	130 E	75.3	36.5	22.8	14.6 B	6.97B	3.96B	13
14	3.38B	3.04B	2.94B	2.85B	3.41E	127 E	74.0	35.7	22.6	14.2 B	6.80B	3.91B	14
15	3.36B	3.04B	2.93B	2.85B	3.50E	124 E	72.6	34.8	22.3	14.0 B	6.74B	3.85B	15
16	3.34B	3.03B	2.93B	2.84B	3.70E	122 E	71.4	33.3	22.0	13.5 B	6.68B	3.79B	16
17	3.32B	3.03B	2.93B	2.84B	3.95E	119 E	69.9	32.6	21.9	13.1 B	6.57B	3.74B	17
18	3.30B	3.02B	2.92B	2.84B	4.35E	116 E	68.8	31.7	21.9	12.9 B	6.46B	3.68B	18
19	3.28B	3.02B	2.92B	2.84B	5.00E	113 E	67.7	30.9	21.5	12.5 B	6.34B	3.62B	19
20	3.26B	3.01B	2.92B	2.83B	6.35A	110 E	66.3	30.2	21.4	12.3 B	6.23B	3.56B	20
21	3.24B	3.01B	2.91B	2.83B	8.00E	107 E	64.7	30.0	21.2	12.1 B	6.17B	3.51B	21
22	3.22B	3.00B	2.91B	2.83B	9.80E	105 E	63.5	29.2	21.0	11.8 B	6.00B	3.45B	22
23	3.20B	3.00B	2.91B	2.83B	12.0 E	103 E	62.1	28.6	20.8	11.5 B	5.83B	3.39B	23
24	3.19B	3.00B	2.90B	2.82B	15.0 E	101 E	60.3	28.0	20.2	11.2 B	5.66B	3.34B	24
25	3.18B	2.99B	2.90B	2.82B	19.0 E	99.5	59.2	27.2	19.9	10.9 B	5.61B	3.28B	25
26	3.17B	2.99B	2.90B	2.82B	24.0 E	97.6	57.9	26.5	19.6	10.6 B	5.49B	3.23B	26
27	3.16B	2.99B	2.89B	2.82B	30.0 E	96.1	56.5	25.9	19.0	10.3 B	5.38B	3.17B	27
28	3.15B	2.98B	2.89B	2.81B	37.0 E	94.6	54.4	25.5	18.9	10.1 B	5.27B	3.11B	28
29	3.14B		2.89B	2.81B	46.0 E	93.1	53.9	25.5	18.7	9.91B	5.15B	3.06B	29
30	3.13B		2.89B	2.81B	56.0 E	92.3	52.6	25.2	18.5	9.63B	5.04B	3.00B	30
31	3.12B		2.88B		68.0 E		51.2	24.6		9.40B		2.94B	31
TOTAL	104.08	85.16	90.84	85.35	394.15	3 403.2	2 201.3	1 087.5	660.3	422.04	205.08	119.72	TOTAL
MEAN	3.36	3.04	2.93	2.85	12.7	113	71.0	35.1	22.0	13.6	6.84	3.86	MEAN
MAX	3.68	3.11	2.98	2.88	68.0	136	91.6	49.6	25.0	17.7	9.11	4.98	MAX
MIN	3.12	2.98	2.88	2.81	2.81	82.0	51.2	24.6	18.5	9.40	5.04	2.94	MIN

SUMMARY FOR THE YEAR 1981

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 28.3
MAXIMUM DAILY, 136E ON JUN 10
MINIMUM DAILY, 2.81B ON APR 28

TYPE OF GAUGE - RECORDING
LOCATION - LAT 63 35 30 N
LONG 105 09 00 W
DRAINAGE AREA, 4 250 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	8 990	JUL	190 000
FEB	7 360	AUG	94 000
MAR	7 850	SEP	57 000
APR	7 370	OCT	36 500
MAY	34 100	NOV	17 700
JUN	294 000	DEC	10 300

TOTAL DISCHARGE, 765 000 dam³

HANS CREEK NEAR INUVIK - STATION NO. 10ND001

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1981

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	0B	0B	0B	0B	0 B	0.100B	1.23	2.39	2.78	2.06	1.04 B	0.430B	1
2	0B	0B	0B	0B	0 B	0.340B	1.17	2.27	2.40	2.17	1.02 B	0.410B	2
3	0B	0B	0B	0B	0 B	0.940B	1.13	1.94	2.18	2.21	1.00 B	0.399B	3
4	0B	0B	0B	0B	0 B	5.20 B	1.17	1.50	2.18	1.08	0.980B	0.380B	4
5	0B	0B	0B	0B	0 B	29.8	1.18	1.37	2.15	0.608	0.960B	0.365B	5
6	0B	0B	0B	0B	0 B	19.8	1.21	1.33	1.94	1.26	0.935B	0.350B	6
7	0B	0B	0B	0B	0 B	14.3	1.25	1.34	1.90	1.96	0.910B	0.335B	7
8	0B	0B	0B	0B	0 B	11.2	1.25	1.34	1.87	2.18	0.890B	0.320B	8
9	0B	0B	0B	0B	0 B	8.85	1.30	1.57	1.78	2.34	0.870B	0.305B	9
10	0B	0B	0B	0B	0 B	8.16	1.35	1.58	1.71	2.23	0.850B	0.290B	10
11	0B	0B	0B	0B	0 B	7.74	1.46	1.57	1.66	2.04	0.830B	0.278B	11
12	0B	0B	0B	0B	0 B	7.67	1.65	1.66	1.59	1.96	0.805B	0.265B	12
13	0B	0B	0B	0B	0 B	7.59	1.72	1.91	1.59	1.87	0.785B	0.253B	13
14	0B	0B	0B	0B	0 B	7.46	1.94	1.93	1.66	1.77	0.760B	0.242B	14
15	0B	0B	0B	0B	0 B	7.13	2.10	1.67	1.65	1.67	0.740B	0.228B	15
16	0B	0B	0B	0B	0 B	6.66	2.34	1.80	1.86	1.47	0.715B	0.218B	16
17	0B	0B	0B	0B	0 B	6.13	2.60	1.77	1.65	1.26 B	0.695B	0.208B	17
18	0B	0B	0B	0B	0 B	5.50	2.99	1.81	1.45	1.25 B	0.675B	0.195B	18
19	0B	0B	0B	0B	0 B	4.78	3.26	2.08	1.68	1.25 B	0.655B	0.170B	19
20	0B	0B	0B	0B	0 B	4.21	3.21	2.47	1.56	1.24 B	0.635B	0.152B	20
21	0B	0B	0B	0B	0 B	3.64	3.09	2.96	1.48	1.22 B	0.615B	0.135B	21
22	0B	0B	0B	0B	0 B	3.13	3.05	3.61	1.53	1.21 B	0.595B	0.115B	22
23	0B	0B	0B	0B	0 B	2.70	3.07	3.66	1.61	1.19 B	0.575B	0.098B	23
24	0B	0B	0B	0B	0 B	2.38	3.10	3.67	1.65	1.17 B	0.555B	0.082B	24
25	0B	0B	0B	0B	0 B	2.04	3.30	3.65	1.61	1.16 B	0.535B	0.065B	25
26	0B	0B	0B	0B	0 B	1.80	3.31	3.50	1.55	1.15 B	0.520B	0.050B	26
27	0B	0B	0B	0B	0 B	1.62	3.11	3.41	1.56	1.13 B	0.500B	0.035B	27
28	0B	0B	0B	0B	0 B	1.45	2.93	3.30	1.75	1.12 B	0.485B	0.025B	28
29	0B		0B	0B	0 B	1.26	3.08	3.17	1.96	1.10 B	0.465B	0.015B	29
30	0B		0B	0B	0.010B	1.27	2.57	3.13	1.96	1.08 B	0.450B	0.005B	30
31	0B		0B		0 B		2.57	3.15		1.06 B		0 B	31
TOTAL	0	0	0	0	0.010	184.850	68.69	72.51	53.90	46.468	22.045	6.418	TOTAL
MEAN	0	0	0	0	0	6.16	2.22	2.34	1.80	1.50	0.735	0.207	MEAN
MAX	0	0	0	0	0.010	29.8	3.31	3.67	2.78	2.34	1.04	0.430	MAX
MIN	0	0	0	0	0	0.100	1.13	1.33	1.45	0.608	0.450	0	MIN

SUMMARY FOR THE YEAR 1981

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 1.25
MAXIMUM DAILY, 29.8 ON JUN 5
MINIMUM DAILY, 0B ON JAN 1

TYPE OF GAUGE - RECORDING
LOCATION - LAT 68 52 20 N
LONG 133 34 30 W
DRAINAGE AREA, 316 km²

B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	0	JUL	5 930
FEB	0	AUG	6 260
MAR	0	SEP	4 660
APR	0	OCT	4 010
MAY	0.86	NOV	1 900
JUN	16 000	DEC	555

TOTAL DISCHARGE, 39 300 dam³

NORTHWEST TERRITORIES

HARRIS RIVER NEAR THE MOUTH - STATION NO. 10GC002

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1981

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	0B	0B	0B	0B	0.250B	1.34	0.083	0.669	0.250	1.62	5.50 B	0.325B	1
2	0B	0B	0B	0B	0.660B	1.23	0.079	0.597	0.275	4.98	5.40 B	0.310B	2
3	0B	0B	0B	0B	1.50 B	1.13	0.069	0.520	0.250	7.18	5.20 B	0.295B	3
4	0B	0B	0B	0B	3.87 B	1.03	0.185	0.505	0.232	8.39	4.40 B	0.280B	4
5	0B	0B	0B	0B	6.00 B	0.926	0.540	0.401	0.246	9.55	3.80 B	0.270B	5
6	0B	0B	0B	0B	9.00 B	0.841	0.880	0.302	0.281	9.60	3.40 B	0.265B	6
7	0B	0B	0B	0B	15.1 B	0.771	0.810	0.222	0.341	8.71	2.90 B	0.255B	7
8	0B	0B	0B	0B	14.7 B	0.679	0.818	0.180	0.376	7.96	2.50 B	0.250B	8
9	0B	0B	0B	0B	14.5	0.549	0.893	0.159	0.413	7.92	2.20 B	0.245B	9
10	0B	0B	0B	0B	13.4	0.497	0.822	0.120	0.578	8.06	2.01 B	0.240B	10
11	0B	0B	0B	0B	11.7	0.421	0.702	0.099	0.768	8.34	1.95 B	0.235B	11
12	0B	0B	0B	0B	10.6	0.343	0.596	0.096	1.01	8.31	1.85 B	0.230B	12
13	0B	0B	0B	0B	9.38	0.266	0.623	0.089	1.05	8.02	1.75 B	0.225B	13
14	0B	0B	0B	0B	8.63	0.203	0.552	0.081	1.61	7.81	1.65 B	0.220B	14
15	0B	0B	0B	0B	8.04	0.178	0.545	0.080	2.29	7.56	1.55 B	0.220B	15
16	0B	0B	0B	0B	7.28	0.133	0.489	0.070	2.33	7.34	1.40 B	0.215B	16
17	0B	0B	0B	0B	6.67	0.121	0.408	0.064	2.33	7.36	1.30 B	0.210B	17
18	0B	0B	0B	0B	6.18	0.119	0.289	0.060	2.29	7.30	1.15 B	0.209B	18
19	0B	0B	0B	0B	5.93	0.089	0.241	0.056	2.11	6.94	1.05 B	0.205B	19
20	0B	0B	0B	0B	5.54	0.081	0.330	0.054	1.92	7.25B	0.920B	0.200B	20
21	0B	0B	0B	0B	5.06	0.074	0.380	0.052	1.81	6.71B	0.820B	0.190B	21
22	0B	0B	0B	0B	4.65	0.072	0.613	0.051	1.70	7.05B	0.740B	0.190B	22
23	0B	0B	0B	0B	4.15	0.070	0.874	0.048	1.59	6.66B	0.660B	0.180B	23
24	0B	0B	0B	0B	3.67	0.073	1.18	0.043	1.55	5.61B	0.590B	0.170B	24
25	0B	0B	0B	0B	3.27	0.064	1.12	0.040	1.41	4.78B	0.530B	0.170B	25
26	0B	0B	0B	0B	2.96	0.079	1.00	0.043	1.42	5.04B	0.480B	0.160B	26
27	0B	0B	0B	0B	2.68	0.082	1.03	0.041	1.35	5.12B	0.440B	0.150B	27
28	0B	0B	0B	0B	2.36	0.094	1.01	0.056	1.30	5.10B	0.400B	0.150B	28
29	0B		0B	0B	2.01	0.087	0.962	0.060	1.31	5.20B	0.370B	0.140B	29
30	0B		0B	0B	1.78	0.082	0.885	0.064	1.30	5.30B	0.340B	0.140B	30
31	0B		0B		1.50		0.778	0.056		5.40B		0.130B	31
TOTAL	0	0	0	0	193.020	11.724	19.786	4.978	35.690	212.17	57.250	6.674	TOTAL
MEAN	0	0	0	0	6.23	0.391	0.638	0.161	1.19	6.84	1.91	0.215	MEAN
MAX	0	0	0	0	15.1	1.34	1.18	0.669	2.33	9.60	5.50	0.325	MAX
MIN	0	0	0	0	0.250	0.064	0.069	0.040	0.232	1.62	0.340	0.130	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 1.48
MAXIMUM DAILY, 15.1B ON MAY 7
MINIMUM DAILY, 0B ON JAN 1
MAXIMUM INSTANTANEOUS,
16.1B AT 14:18 MST ON MAY 8

SUMMARY FOR THE YEAR 1981

TYPE OF GAUGE - RECORDING
LOCATION - LAT 61 52 41 N
LONG 121 17 36 W
DRAINAGE AREA, 570 km²

B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	0	JUL	1 710
FEB	0	AUG	430
MAR	0	SEP	3 080
APR	0	OCT	18 300
MAY	16 700	NOV	4 950
JUN	1 010	DEC	577

TOTAL DISCHARGE, 46 800 dam³

HAY RIVER NEAR HAY RIVER - STATION NO. 07OB001

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1981

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	2.21B	1.71B	1.64B	1.64B	207B	163	60.5	20.4	6.24	4.00E	7.40B	3.35B	1
2	2.19B	1.70B	1.64B	1.64B	401B	156	57.5	19.2	6.19	3.90E	6.07B	3.26B	2
3	2.18B	1.68B	1.64B	1.63B	595B	150	56.2	18.3	5.88	3.80E	5.66B	3.18B	3
4	2.16B	1.64B	1.65B	1.63B	790B	143	57.6	17.1	5.75	3.71E	5.66B	3.09B	4
5	2.14B	1.64B	1.65B	1.62B	775B	137	63.0	16.2	5.70	3.60E	5.51B	2.94B	5
6	2.13B	1.64B	1.66B	1.62B	760B	134	65.3	15.4	5.66	3.51E	5.40B	3.01B	6
7	2.11B	1.63B	1.66B	1.63B	752B	130	64.0	14.7	5.60	3.39E	5.08B	2.94B	7
8	2.10B	1.63B	1.65B	1.63B	706B	127	61.2	13.8	5.57	3.20E	4.80B	2.77B	8
9	2.08B	1.63B	1.65B	1.63B	693	127	60.5	13.2	5.49	3.11E	4.60B	2.92B	9
10	2.06B	1.62B	1.65B	1.63B	645	128	58.2	12.8	5.38	3.08E	5.01B	2.88B	10
11	2.05B	1.62B	1.66B	1.63B	594	128	54.7	12.5	5.32	3.00E	4.95B	2.84B	11
12	2.03B	1.62B	1.66B	1.64B	544	131	51.0	12.9	5.30	3.60E	5.02B	2.80B	12
13	2.02B	1.61B	1.66B	1.64B	502	139	47.5	12.7	5.19	3.90E	5.06B	2.76B	13
14	2.00B	1.61B	1.67B	1.63B	465	139	44.4	12.0	5.24	5.00E	4.67B	2.72B	14
15	1.98B	1.61B	1.67B	1.63B	434	135	41.0	11.3	5.19	6.20E	3.94B	2.68B	15
16	1.97B	1.60B	1.66B	1.62B	405	127	38.2	10.5	5.00	8.45E	3.78B	2.64B	16
17	1.95B	1.60B	1.66B	1.62B	376	120	35.6	9.99	4.92	9.30E	3.68B	2.60B	17
18	1.94B	1.60B	1.66B	1.61B	350	113	33.2	9.50	4.81	9.00E	3.94B	2.56B	18
19	1.92B	1.61B	1.65B	1.61B	324	106	30.4	9.02	4.67	8.45E	3.93B	2.52B	19
20	1.90B	1.61B	1.65B	1.60B	298	99.7	29.4	8.65	4.60	8.20B	3.89B	2.48B	20
21	1.89B	1.613	1.65B	1.59B	276	93.6	30.4	8.39	4.68	8.10B	3.94B	2.44B	21
22	1.87B	1.62B	1.64B	1.58B	262	87.3	31.7	8.09	4.69	8.20B	4.11B	2.40B	22
23	1.86B	1.62B	1.64B	1.57B	250	82.2	30.8	7.73	4.64	8.30B	3.98B	2.36B	23
24	1.84B	1.62B	1.64B	1.58B	237	77.0	28.1	7.55	4.52	8.40B	3.91B	2.32B	24
25	1.82B	1.62B	1.63B	1.59B	223	72.1	26.0	7.39	4.42	8.30B	3.80B	2.28B	25
26	1.81B	1.63B	1.63B	1.61B	211	68.8	24.3	7.10	4.38	8.20B	3.80B	2.24B	26
27	1.79B	1.63B	1.63B	1.65B	200	66.6	22.1	6.97	4.35	8.10B	3.48B	2.20B	27
28	1.78B	1.63B	1.62B	1.70B	190	63.0	23.0	6.62	4.28	8.02B	3.39B	2.16B	28
29	1.76B		1.62B	7.82B	182	60.9	22.9	6.41	4.23	7.96B	3.50B	2.12B	29
30	1.74B		1.62B	12.5 B	175	60.8	22.2	6.40	4.12E	7.24B	3.44B	2.08B	30
31	1.73B		1.63B		169		21.3	6.22		7.57B		2.04B	31
TOTAL	61.01	45.59	51.04	65.72	12 991	3 365.0	1 293.2	349.03	152.01	188.79	135.40	81.58	TOTAL
MEAN	1.97	1.63	1.65	2.19	419	112	41.7	11.3	5.07	6.09	4.51	2.63	MEAN
MAX	2.21	1.71	1.67	12.5	790	163	65.3	20.4	6.24	9.30	7.40	3.35	MAX
MIN	1.73	1.60	1.62	1.57	169	60.8	21.3	6.22	4.12	3.00	3.39	2.04	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 51.5
MAXIMUM DAILY, 790B ON MAY 4
MINIMUM DAILY, 1.57B ON APR 23

SUMMARY FOR THE YEAR 1981

TYPE OF GAUGE - RECORDING
LOCATION - LAT 60 44 45 N
LONG 115 51 20 W
DRAINAGE AREA, 47 900 km²

B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	5 270	JUL	112 000
FEB	3 940	AUG	30 200
MAR	4 410	SEP	13 100
APR	5 680	OCT	16 300
MAY	1 120 000	NOV	11 700
JUN	291 000	DEC	7 050

TOTAL DISCHARGE, 1 620 000 dam³

NORTHWEST TERRITORIES

HAYES RIVER ABOVE CHANTREY INLET - STATION NO. 10SB001

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1981

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	0B	0B	0B	0B	---	127	178	147 B	---	---	1
2	---	---	0B	0B	0B	0B	---	130	185	140 B	---	---	2
3	---	---	0B	0B	0B	0B	---	134	230	130 B	---	---	3
4	---	---	0B	0B	0B	0B	---	139	263	123 B	---	---	4
5	---	---	0B	0B	0B	0B	---	140	298	122 B	---	---	5
6	---	---	0B	0B	0B	---	---	139	305	121 B	---	---	6
7	---	---	0B	0B	0B	---	---	137	297	121 B	---	---	7
8	---	---	0B	0B	0B	---	---	136	291	120 B	---	---	8
9	---	---	0B	0B	0B	---	---	133	278	119 B	---	---	9
10	---	---	0B	0B	0B	---	---	132	260	114 B	---	---	10
11	---	---	0B	0B	0B	---	---	130	249	97.0 B	---	---	11
12	---	---	0B	0B	0B	---	---	130	239	85.0 B	---	---	12
13	---	---	0B	0B	0B	---	---	145	231	76.0 B	---	---	13
14	---	---	0B	0B	0B	---	---	155	222	66.0 B	---	---	14
15	---	---	0B	0B	0B	---	186A	160	208	58.0 B	---	---	15
16	---	---	0B	0B	0B	---	190	164	195	51.0 B	---	---	16
17	---	---	0B	0B	0B	---	179	165	188	46.0 B	---	---	17
18	---	---	0B	0B	0B	---	167	165	189	40.0 B	---	---	18
19	---	---	0B	0B	0B	---	161	162	194	35.7 B	---	---	19
20	---	---	0B	0B	0B	---	161	165	199	31.5 B	---	---	20
21	---	---	0B	0B	0B	---	156	168	205	27.5 B	---	---	21
22	---	---	0B	0B	0B	---	154	197	211	24.0 B	---	---	22
23	---	---	0B	0B	0B	---	150	206	217	21.5 B	---	---	23
24	---	---	0B	0B	0B	---	148	213	221	18.8 B	---	---	24
25	---	---	0B	0B	0B	---	140	216	227	16.5 B	---	---	25
26	---	---	0B	0B	0B	---	136	215	222	14.8 B	---	---	26
27	---	---	0B	0B	0B	---	132	205A	211	12.9 B	---	---	27
28	---	---	0B	0B	0B	---	128	202	178	11.2 B	---	---	28
29	---		0B	0B	0B	---	125	195	158	10.0 B	---	---	29
30	---		0B	0B	0B	---	126	190	151B	8.80B	---	---	30
31	---		0B		0B		126	183		7.70B		---	31
TOTAL	---	---	0	0	0	---	---	5 078	6 700	2 016.90	---	---	TOTAL
MEAN	---	---	0	0	0	---	---	164	223	65.1	---	---	MEAN
MAX	---	---	0	0	0	---	---	216	305	147	---	---	MAX
MIN	---	---	0	0	0	---	---	127	151	7.70	---	---	MIN

SUMMARY FOR THE MONTHS MAR TO OCT

DISCHARGES IN CUBIC METRES PER SECOND

MINIMUM DAILY, 0B ON MAR 1

TYPE OF GAUGE - RECORDING
LOCATION - LAT 67 32 00 N
LONG 94 05 00 W
DRAINAGE AREA, 17 700 km²
A - MANUAL GAUGE
B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	---
FEB	---	AUG	439 000
MAR	0	SEP	579 000
APR	0	OCT	174 000
MAY	0	NOV	---
JUN	---	DEC	---

INMAN RIVER NEAR THE MOUTH - STATION NO. 10OC001

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1981

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	0B	0B	0B	0B	0 B	0.100B	10.9	4.84	7.35	0.810B	0B	0B	1
2	0B	0B	0B	0B	0 B	0.210B	18.0	5.46	7.34	0.720B	0B	0B	2
3	0B	0B	0B	0B	0 B	0.420B	18.3	6.27	7.34	0.630B	0B	0B	3
4	0B	0B	0B	0B	0 B	0.810B	18.0	7.20	7.36	0.570B	0B	0B	4
5	0B	0B	0B	0B	0 B	1.65 B	17.5	9.67	7.34 B	0.490B	0B	0B	5
6	0B	0B	0B	0B	0 B	3.50 B	18.2	10.4	6.79 B	0.420B	0B	0B	6
7	0B	0B	0B	0B	0 B	253 B	17.3	9.32	6.20 B	0.360B	0B	0B	7
8	0B	0B	0B	0B	0 B	249 A	16.3	7.84	5.52 B	0.300B	0B	0B	8
9	0B	0B	0B	0B	0 B	236	13.7	7.26	5.02 B	0.240B	0B	0B	9
10	0B	0B	0B	0B	0 B	184	12.5	7.41	4.60 B	0.180B	0B	0B	10
11	0B	0B	0B	0B	0 B	148	11.7	7.19	4.20 B	0.120B	0B	0B	11
12	0B	0B	0B	0B	0 B	118	11.7	8.19	3.81 B	0.080B	0B	0B	12
13	0B	0B	0B	0B	0 B	92.9	11.3	8.43	3.52 B	0.040B	0B	0B	13
14	0B	0B	0B	0B	0 B	72.6	12.9	8.53	3.27 B	0 B	0B	0B	14
15	0B	0B	0B	0B	0 B	56.4	12.1	9.75	3.04 B	0 B	0B	0B	15
16	0B	0B	0B	0B	0 B	48.4	10.7	11.3	2.86 B	0 B	0B	0B	16
17	0B	0B	0B	0B	0 B	43.0	9.91	10.6	2.67 B	0 B	0B	0B	17
18	0B	0B	0B	0B	0 B	39.0	9.22	9.04	2.51 B	0 B	0B	0B	18
19	0B	0B	0B	0B	0 B	34.9	8.52	8.86	2.38 B	0 B	0B	0B	19
20	0B	0B	0B	0B	0 B	31.4	7.69	8.73	2.24 B	0 B	0B	0B	20
21	0B	0B	0B	0B	0 B	29.0	6.90	8.48	2.12 B	0 B	0B	0B	21
22	0B	0B	0B	0B	0 B	28.1	6.35	8.44	2.00 B	0 B	0B	0B	22
23	0B	0B	0B	0B	0 B	26.8	6.16	8.28	1.81 B	0 B	0B	0B	23
24	0B	0B	0B	0B	0 B	25.5	5.74	8.28	1.68 B	0 B	0B	0B	24
25	0B	0B	0B	0B	0 B	25.9	5.30	8.32	1.51 B	0 B	0B	0B	25
26	0B	0B	0B	0B	0 B	24.4	4.80	8.32	1.38 B	0 B	0B	0B	26
27	0B	0B	0B	0B	0 B	21.5	4.45	8.29	1.23 B	0 B	0B	0B	27
28	0B	0B	0B	0B	0 B	19.4	4.36	7.42	1.12 B	0 B	0B	0B	28
29	0B		0B	0B	0 B	17.7	4.86	7.32	1.01 B	0 B	0B	0B	29
30	0B		0B	0B	0 B	17.0	4.77	7.34	0.900B	0 B	0B	0B	30
31	0B		0B		0.030B		4.60	7.35		0 B		0B	31
TOTAL	0	0	0	0	0.030	1 848.590	330.73	254.13	110.120	4.960	0	0	TOTAL
MEAN	0	0	0	0	0.001	61.6	10.7	8.20	3.67	0.160	0	0	MEAN
MAX	0	0	0	0	0.030	253	18.3	11.3	7.36	0.810	0	0	MAX
MIN	0	0	0	0	0	0.100	4.36	4.84	0.900	0	0	0	MIN

SUMMARY FOR THE YEAR 1981

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 6.98
MAXIMUM DAILY, 253B ON JUN 7
MINIMUM DAILY, 0B ON JAN 1

TYPE OF GAUGE - RECORDING
LOCATION - LAT 69 05 45 N
LONG 118 28 42 W
DRAINAGE AREA, 2 240 km²
A - MANUAL GAUGE
B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	0	JUL	28 600
FEB	0	AUG	22 000
MAR	0	SEP	9 510
APR	0	OCT	429
MAY	2.59	NOV	0
JUN	160 000	DEC	0

TOTAL DISCHARGE, 221 000 dam³

JACKFISH CREEK NEAR FORT GOOD HOPE - STATION NO. 10LD002

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1981

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	---	---	---	0.390	0.094	0.036	0.021	0.237	0.073B	0B	1
2	---	---	---	---	---	0.564	0.092	0.037	0.023	0.623	0.051B	0B	2
3	---	---	---	---	---	0.726	0.122	0.052	0.023	0.932	0.031B	0B	3
4	---	---	---	---	---	0.818	0.125	0.048	0.024	0.997	0.021B	0B	4
5	---	---	---	---	---	0.833	0.103	0.044	0.019	1.06	0.013B	0B	5
6	---	---	---	---	---	0.778	0.093	0.042	0.018	1.51	0.007B	0B	6
7	---	---	---	---	---	0.717	0.107	0.043	0.020	1.52	0.004B	0B	7
8	---	---	---	---	1.02	0.622	0.100	0.037	0.031	1.12	0.008B	0B	8
9	---	---	---	---	0.924	0.554	0.082	0.035	0.037	0.625	0.003B	0B	9
10	---	---	---	---	0.867	0.488	0.082	0.032	0.038	0.506	0.001B	0B	10
11	---	---	---	---	0.828	0.416	0.093	0.028	0.043	0.451	0 B	0B	11
12	---	---	---	---	0.769	0.355	0.133	0.029	0.052	0.457	0 B	0B	12
13	---	---	---	---	0.697	0.299	0.123	0.028	0.053	0.714	0 B	0B	13
14	---	---	---	---	0.650	0.266	0.108	0.031	0.051	0.473	0 B	0B	14
15	---	---	---	---	0.608	0.236	0.098	0.033	0.053	0.334	0 B	0B	15
16	---	---	---	---	0.559	0.211	0.096	0.028	0.051	0.305	0 B	0B	16
17	---	---	---	---	0.518	0.201	0.105	0.027	0.051	0.351	0 B	0B	17
18	---	---	---	---	0.472	0.181	0.106	0.027	0.053	0.638	0 B	0B	18
19	---	---	---	---	0.451	0.166	0.105	0.025	0.052	0.641	0 B	0B	19
20	---	---	---	---	0.446	0.136	0.102	0.025	0.061	0.608	0 B	0B	20
21	---	---	---	---	0.448	0.120	0.091	0.025	0.083	0.492	0 B	0B	21
22	---	---	---	---	0.441	0.109	0.082	0.025	0.103	0.453	0 B	0B	22
23	---	---	---	---	0.417	0.097	0.063	0.026	0.111	0.454	0 B	0B	23
24	---	---	---	---	0.400	0.100	0.054	0.026	0.114	0.327	0 B	0B	24
25	---	---	---	---	0.393	0.086	0.053	0.026	0.111	0.313B	0 B	0B	25
26	---	---	---	---	0.419	0.085	0.056	0.026	0.111	0.418B	0 B	0B	26
27	---	---	---	---	0.479	0.076	0.080	0.025	0.114	0.251B	0 B	0B	27
28	---	---	---	---	0.457	0.076	0.059	0.024	0.117	0.218B	0 B	0B	28
29	---		---	---	0.428	0.076	0.055	0.022	0.129	0.235B	0 B	0B	29
30	---		---	---	0.399	0.098	0.049	0.022	0.155	0.140B	0 B	0B	30
31	---		---		0.377		0.044	0.022		0.114B		0B	31
TOTAL	---	---	---	---	---	9.880	2.755	0.956	1.922	17.517	0.212	0	TOTAL
MEAN	---	---	---	---	---	0.329	0.089	0.031	0.064	0.565	0.007	0	MEAN
MAX	---	---	---	---	---	0.833	0.133	0.052	0.155	1.52	0.073	0	MAX
MIN	---	---	---	---	---	0.076	0.044	0.022	0.018	0.114	0	0	MIN

SUMMARY FOR THE YEAR 1981

TYPE OF GAUGE - RECORDING
LOCATION - LAT 66 15 43 N
LONG 128 35 02 W

B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	238
FEB	---	AUG	82.6
MAR	---	SEP	166
APR	---	OCT	1 510
MAY	---	NOV	18.3
JUN	854	DEC	0

JEAN-MARIE RIVER AT FORT SIMPSON HIGHWAY - STATION NO. 10FB005

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1981

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	0.260B	0.210B	0.160B	0.131B	0.956B	5.39	0.535	0.418	0.432	1.04	7.40B	2.31 B	1
2	0.255B	0.205B	0.160B	0.131B	1.40 B	4.78	0.521	0.412	0.426	1.38	7.50B	2.28 B	2
3	0.255B	0.205B	0.160B	0.124B	2.10 B	4.28	0.513	0.399	0.421	1.71	7.60B	2.10 B	3
4	0.250B	0.200B	0.160B	0.121B	3.00 B	3.85	0.514	0.397	0.421	1.94	7.80B	1.87 B	4
5	0.250B	0.200B	0.160B	0.123B	6.00 B	3.40	0.511	0.367	0.415	2.07	7.60B	1.73 B	5
6	0.250B	0.200B	0.150B	0.126B	13.0 B	3.17	0.507	0.334	0.423	2.21	7.40B	1.61 B	6
7	0.245B	0.200B	0.150B	0.127B	26.0 B	3.02	0.504	0.328	0.431	2.23	7.00B	1.57 B	7
8	0.242B	0.200B	0.150B	0.128B	53.7	2.77	0.495	0.322	0.524	2.59	6.80B	1.55 B	8
9	0.240B	0.195B	0.150B	0.129B	54.7 A	2.64	0.499	0.317	0.555	3.31	6.40B	1.50 B	9
10	0.240B	0.195B	0.150B	0.130B	51.5 E	2.41	0.501	0.293	0.642	4.37	6.00B	1.45 B	10
11	0.235B	0.190B	0.150B	0.127B	46.6 A	2.22	0.463	0.269	0.729	5.69	5.60B	1.42 B	11
12	0.235B	0.190B	0.150B	0.118B	42.1	2.03	0.423	0.269	0.734	6.61	5.40B	1.40 B	12
13	0.235B	0.180B	0.150B	0.100B	37.9	1.85	0.426	0.266	0.738	7.27	5.09B	1.33 B	13
14	0.230B	0.180B	0.140B	0.092B	34.3	1.69	0.419	0.263	0.757	7.87	4.60B	1.30 B	14
15	0.230B	0.180B	0.140B	0.092B	31.3	1.60	0.408	0.257	0.784	8.19	4.33B	1.31 B	15
16	0.230B	0.180B	0.140B	0.093B	28.4	1.52	0.376	0.257	0.834	8.62	3.95B	1.29 B	16
17	0.230B	0.175B	0.140B	0.103B	26.0	1.49	0.336	0.238	0.856	8.98	3.62B	1.24 B	17
18	0.225B	0.172B	0.140B	0.115B	23.5	1.41	0.335	0.218	0.873	9.58	3.32B	1.24 B	18
19	0.225B	0.170B	0.140B	0.115B	21.4	1.34	0.336	0.216	0.890	9.93	3.10B	1.25 B	19
20	0.225B	0.170B	0.140B	0.120B	19.3	1.22	0.337	0.215	0.896	10.1	2.97B	1.24 B	20
21	0.225B	0.170B	0.140B	0.141B	17.4	1.08	0.333	0.214	0.903	9.49	2.80B	1.22 B	21
22	0.220B	0.170B	0.140B	0.183B	15.5	1.06	0.453	0.213	0.923	8.72	2.93B	1.22 B	22
23	0.220B	0.170B	0.140B	0.169B	13.8	0.936	0.594	0.199	0.932	8.24	2.97B	1.22 B	23
24	0.220B	0.170B	0.140B	0.129B	12.5	0.862	0.584	0.193	0.957	7.84	2.88B	1.22 B	24
25	0.215B	0.170B	0.140B	0.402B	11.1	0.769	0.511	0.188	0.956	7.47	2.85B	1.20 B	25
26	0.215B	0.160B	0.137B	0.183B	9.96	0.756	0.482	0.178	0.961	6.70B	2.80B	1.17 B	26
27	0.215B	0.160B	0.136B	0.073B	8.96	0.706	0.452	0.182	0.980	6.78B	2.70B	1.05 B	27
28	0.215B	0.160B	0.140B	0.133B	8.02	0.650	0.420	0.323	0.992	6.81B	2.61B	1.02 B	28
29	0.210B		0.142B	0.161B	7.37	0.627	0.410	0.433	1.00	7.00B	2.47B	0.977B	29
30	0.210B		0.135B	0.140B	6.75	0.530	0.404	0.444	1.03	7.10B	2.33B	0.913B	30
31	0.210B		0.134B		5.93		0.410	0.437		7.30B		0.806B	31
TOTAL	7.162	5.127	4.514	4.059	640.446	60.056	14.012	9.059	22.465	189.14	140.82	43.006	TOTAL
MEAN	0.231	0.183	0.146	0.135	20.7	2.00	0.452	0.292	0.749	6.10	4.69	1.39	MEAN
MAX	0.260	0.210	0.160	0.402	54.7	5.39	0.594	0.444	1.03	10.1	7.80	2.31	MAX
MIN	0.210	0.160	0.134	0.073	0.956	0.530	0.333	0.178	0.415	1.04	2.33	0.806	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 3.12
MAXIMUM DAILY, 54.7A ON MAY 9
MINIMUM DAILY, 0.073B ON APR 27

SUMMARY FOR THE YEAR 1981

TYPE OF GAUGE - RECORDING
LOCATION - LAT 61 27 00 N
LONG 121 15 00 W
DRAINAGE AREA, 1 310 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	619	JUL	1 210
FEB	443	AUG	783
MAR	390	SEP	1 940
APR	351	OCT	16 300
MAY	55 300	NOV	12 200
JUN	5 190	DEC	3 720

TOTAL DISCHARGE, 98 400 dam³

NORTHWEST TERRITORIES

JOHNNY HOE RIVER ABOVE LAC STE. THERESE - STATION NO. 10JB001

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1981

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	---	---	---	67.4	39.9	27.9	11.6	9.05	9.30B	6.15B	1
2	---	---	---	---	---	64.7	39.3	27.2	11.4	9.65	9.10B	6.05B	2
3	---	---	---	---	---	62.6	39.2	26.3	10.3	9.48	9.00B	6.00B	3
4	---	---	---	---	---	61.0	40.2	25.4	9.66	9.46	8.90B	5.95B	4
5	---	---	---	---	---	60.4	40.0	24.5	9.85	9.58	8.70B	5.85B	5
6	---	---	---	---	---	60.8	38.9	23.6	9.87	10.0	8.60B	5.80B	6
7	---	---	---	---	---	61.2	40.3	23.1	10.2	8.41	8.50B	5.70B	7
8	---	---	---	---	---	62.7	43.1	22.3	10.1	8.85	8.40B	5.65B	8
9	---	---	---	---	---	64.0	49.3	21.7	9.43	10.8	8.20B	5.60B	9
10	---	---	---	---	203	61.4	51.2	20.6	9.46	12.1	8.10B	5.50B	10
11	---	---	---	---	185	59.6	52.9	20.0	9.55	12.5	8.00B	5.45B	11
12	---	---	---	---	149	57.3	56.1	19.3	9.45	12.1	7.90B	5.40B	12
13	---	---	---	---	142	55.2	58.1	18.1	9.20	11.9	7.80B	5.35B	13
14	---	---	---	---	135	52.5	56.3	17.8	9.16	12.0	7.70B	5.25B	14
15	---	---	---	---	130	50.4	53.4	18.1	9.26	11.9	7.60B	5.20B	15
16	---	---	---	---	124	47.9	51.1	17.5	9.12	12.1	7.50B	5.15B	16
17	---	---	---	---	117	45.7	48.9	16.7	9.00	11.8 B	7.40B	5.10B	17
18	---	---	---	---	112 E	43.7	46.3	16.2	9.18	11.6 B	7.30B	5.05B	18
19	---	---	---	---	108 E	42.0	44.3	15.7	10.0	11.4 B	7.20B	5.00B	19
20	---	---	---	---	103 E	41.6	42.4	15.5	9.82	11.2 B	7.10B	4.95B	20
21	---	---	---	---	99.0E	40.1	40.9	15.5	9.73	11.0 B	7.00B	4.90B	21
22	---	---	---	---	95.0E	39.9	38.9	15.5	9.86	10.8 B	6.90B	4.85B	22
23	---	---	---	---	91.0E	39.1	36.9	14.9	9.68	10.6 B	6.82B	4.80B	23
24	---	---	---	---	88.0E	38.7	35.5	14.6	9.54	10.5 B	6.72B	4.75B	24
25	---	---	---	---	85.0E	38.8	33.5	14.4	9.18	10.3 B	6.65B	4.70B	25
26	---	---	---	---	82.0E	38.5	32.8	14.1	8.90	10.2 B	6.55B	4.65B	26
27	---	---	---	---	79.0E	37.8	32.3	13.8	9.14	10.0 B	6.48B	4.60B	27
28	---	---	---	---	76.0E	38.1	31.1	13.3	8.67	9.90B	6.40B	4.55B	28
29	---		---	---	74.3	37.8	29.6	13.2	8.41	9.70B	6.32B	4.50B	29
30	---		---	---	72.2	39.6	28.5	11.7	8.53	9.50B	6.25B	4.45B	30
31	---		---		69.5		28.5	11.6		9.40B		4.40B	31
TOTAL	---	---	---	---	---	1 510.5	1 299.7	570.1	287.25	327.78	228.39	161.30	TOTAL
MEAN	---	---	---	---	---	50.4	41.9	18.4	9.58	10.6	7.61	5.20	MEAN
MAX	---	---	---	---	---	67.4	58.1	27.9	11.6	12.5	9.30	6.15	MAX
MIN	---	---	---	---	---	37.8	28.5	11.6	8.41	8.41	6.25	4.40	MIN

SUMMARY FOR THE YEAR 1981

TYPE OF GAUGE - RECORDING
LOCATION - LAT 64 34 00 N
LONG 121 44 30 W
DRAINAGE AREA, 13 500 km²

B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	112 000
FEB	---	AUG	49 300
MAR	---	SEP	24 800
APR	---	OCT	28 300
MAY	---	NOV	19 700
JUN	131 000	DEC	13 900

JUNGLE RIDGE CREEK NEAR THE MOUTH - STATION NO. 10KA006

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1981

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	---	---	---	0.480	0.694	0.264	0.088	0.400	0.112B	0.023B	1
2	---	---	---	---	---	0.511	0.751	0.240	0.090	0.536	0.106B	0.022B	2
3	---	---	---	---	---	0.540	0.889	0.227	0.096	0.622	0.102B	0.020B	3
4	---	---	---	---	---	0.531	0.936	0.260	0.095	0.605B	0.097B	0.018B	4
5	---	---	---	---	---	0.495	0.854	0.258	0.096	0.539B	0.092B	0.016B	5
6	---	---	---	---	---	0.447	0.749	0.251	0.097	0.485B	0.088B	0.013B	6
7	---	---	---	---	---	0.380	0.631	0.227	0.098	0.448B	0.084B	0.011B	7
8	---	---	---	---	---	0.364	0.563	0.184	0.100	0.408B	0.080B	0.009B	8
9	---	---	---	---	---	0.317	0.501	0.172	0.105	0.375B	0.076B	0.007B	9
10	---	---	---	---	---	0.273	0.426	0.150	0.109	0.349B	0.072B	0.005B	10
11	---	---	---	---	---	0.225	0.365	0.129	0.115	0.322B	0.068B	0.003B	11
12	---	---	---	---	---	0.186	0.342	0.125	0.120	0.300B	0.065B	0.001B	12
13	---	---	---	---	---	0.150	0.347	0.119	0.119	0.280B	0.062B	0 B	13
14	---	---	---	---	---	0.120	0.298	0.106	0.120	0.265B	0.059B	0 B	14
15	---	---	---	---	---	0.120	0.265	0.097	0.124	0.250B	0.056B	0 B	15
16	---	---	---	---	---	0.093	0.221	0.090	0.127	0.235B	0.053B	0 B	16
17	---	---	---	---	---	0.087	0.215	0.093	0.120	0.223B	0.051B	0 B	17
18	---	---	---	---	---	0.078	0.216	0.105	0.116	0.213B	0.048B	0 B	18
19	---	---	---	---	---	0.079	0.223	0.118	0.121	0.203B	0.045B	0 B	19
20	---	---	---	---	---	0.075	0.207	0.117	0.152	0.194B	0.043B	0 B	20
21	---	---	---	---	---	0.059	0.177	0.100	0.188	0.185B	0.041B	0 B	21
22	---	---	---	---	---	0.051	0.166	0.100	0.212	0.177B	0.039B	0 B	22
23	---	---	---	---	---	0.096	0.159	0.092	0.223	0.168B	0.036B	0 B	23
24	---	---	---	---	---	0.471	0.137	0.085	0.225	0.161B	0.034B	0 B	24
25	---	---	---	---	---	0.724	0.106	0.087	0.218	0.154B	0.033B	0 B	25
26	---	---	---	---	---	0.783	0.079	0.087	0.207	0.148B	0.031B	0 B	26
27	---	---	---	---	---	0.717	0.074	0.085	0.209	0.141B	0.029B	0 B	27
28	---	---	---	---	0.647	0.641	0.073	0.082	0.203	0.135B	0.027B	0 B	28
29	---		---	---	0.583	0.573	0.073	0.083	0.244	0.128B	0.026B	0 B	29
30	---		---	---	0.526	0.633	0.133	0.088	0.290	0.123B	0.024B	0 B	30
31	---		---		0.478		0.226	0.089		0.118B		0 B	31
TOTAL	---	---	---	---	---	10.299	11.096	4.310	4.427	8.890	1.779	0.148	TOTAL
MEAN	---	---	---	---	---	0.343	0.358	0.139	0.148	0.287	0.059	0.005	MEAN
MAX	---	---	---	---	---	0.783	0.936	0.264	0.290	0.622	0.112	0.023	MAX
MIN	---	---	---	---	---	0.051	0.073	0.082	0.088	0.118	0.024	0	MIN

SUMMARY FOR THE YEAR 1981

TYPE OF GAUGE - RECORDING
LOCATION - LAT 65 03 46 N
LONG 126 04 07 W

B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	959
FEB	---	AUG	372
MAR	---	SEP	382
APR	---	OCT	768
MAY	---	NOV	154
JUN	890	DEC	12.8

NORTHWEST TERRITORIES

KAKISA RIVER AT OUTLET OF KAKISA LAKE - STATION NO. 07UC001

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1981

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	0.570B	1.34B	2.13B	2.98B	9.38	56.0	32.7	---	---	12.5	7.80B	6.34B	1
2	0.579B	1.38B	2.13B	3.06B	9.85	56.4	31.8	---	---	11.1	7.77B	6.24B	2
3	0.571B	1.43B	2.13B	3.21B	11.3	57.6	35.4	---	---	13.3	7.78B	6.21B	3
4	0.586B	1.45B	2.16B	3.29B	14.3	57.7	37.4	---	---	10.0	7.95B	6.13B	4
5	0.609B	1.49B	2.20B	3.29B	16.5	57.0	26.8	---	---	9.33	7.89B	7.24B	5
6	0.638B	1.50B	2.21B	3.54B	18.2	54.9	27.3	---	---	8.13	7.88B	7.46B	6
7	0.686B	1.56B	2.22B	3.66B	19.0	50.4	26.1	---	---	6.17	7.73B	6.52B	7
8	0.701B	1.60B	2.24B	3.73B	20.0	51.9	27.2	---	---	7.82	7.42B	6.35B	8
9	0.709B	1.63B	2.26B	3.79B	21.1	54.0	27.9	---	---	8.35	7.50B	6.17B	9
10	0.760B	1.68B	2.31B	3.94B	22.2	54.7	24.4	---	---	8.87	7.29B	6.05B	10
11	0.772B	1.75B	2.33B	4.13B	23.3	52.1	23.0	---	---	9.55	7.23B	6.27B	11
12	0.800B	1.82B	2.33B	4.24B	24.7	51.8	24.5	---	---	9.41	7.18B	6.27B	12
13	0.831B	1.88B	2.36B	4.40B	26.1	48.7	22.8	---	---	9.46	7.16B	6.04B	13
14	0.835B	1.94B	2.42B	4.54B	27.3	48.6	---	---	---	8.79	7.71B	5.94B	14
15	0.845B	1.95B	2.43B	4.71B	29.0	44.8	---	---	---	9.36	6.85B	5.82B	15
16	0.867B	1.95B	2.47B	4.86B	30.6	44.7	---	---	---	9.69	6.75B	5.89B	16
17	0.871B	1.99B	2.55B	5.02B	32.6	44.4	---	---	---	9.01	6.71B	5.88B	17
18	0.877B	2.00B	2.62B	5.14B	34.3	41.9	---	---	---	8.70	6.72B	5.70B	18
19	0.923B	2.00B	2.65B	5.27B	35.9	40.3	---	---	---	9.02	6.74B	5.58B	19
20	0.993B	2.01B	2.62B	5.47B	38.1	39.7	---	---	---	10.0	6.83B	5.50B	20
21	0.991B	2.03B	2.65B	5.61B	38.6	40.1	---	---	---	9.72	6.83B	5.47B	21
22	0.999B	2.04B	2.70B	5.93B	41.4	37.7	---	---	11.5	8.84	6.79B	5.46B	22
23	1.08 B	2.07B	2.70B	6.18B	44.0	37.3	---	---	10.3	9.41B	6.77B	5.43B	23
24	1.10 B	2.10B	2.70B	6.36B	47.1	38.5	---	---	10.5	8.25B	6.73B	5.32B	24
25	1.09 B	2.12B	2.73B	6.99B	49.4	35.5	---	---	9.89	8.08B	6.70B	5.26B	25
26	1.09 B	2.13B	2.75B	7.33	48.8	35.4	---	---	10.1	8.08B	6.65B	5.21B	26
27	1.15 B	2.13B	2.74B	7.57	51.1	34.6	---	---	9.67	8.15B	6.53B	5.10B	27
28	1.20 B	2.12B	2.77B	7.87	51.6	34.1	---	---	9.00	8.11B	6.59B	5.14B	28
29	1.24 B		2.81B	8.24	52.3	33.9	---	---	10.6	8.16B	6.62B	5.11B	29
30	1.27 B		2.84B	8.80	51.8	33.5	---	---	9.44	8.08B	6.50B	5.06B	30
31	1.29 B		2.87B		55.0		---	---		8.04B		5.04B	31
TOTAL	27.523	51.09	77.03	153.15	994.83	1 368.2	---	---	---	281.48	213.60	181.20	TOTAL
MEAN	0.888	1.82	2.48	5.11	32.1	45.6	---	---	---	9.08	7.12	5.85	MEAN
MAX	1.29	2.13	2.87	8.80	55.0	57.7	---	---	---	13.3	7.95	7.46	MAX
MIN	0.570	1.34	2.13	2.98	9.38	33.5	---	---	---	6.17	6.50	5.04	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MAXIMUM DAILY, 57.7 ON JUN 4
MINIMUM DAILY, 0.570B ON JAN 1
MAXIMUM INSTANTANEOUS,
62.3 AT 09:09 MST ON JUN 4

SUMMARY FOR THE YEAR 1981

TYPE OF GAUGE - RECORDING
LOCATION - LAT 60 56 15 N
LONG 117 25 00 W
DRAINAGE AREA, 14 900 km²

B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	2 380	JUL	---
FEB	4 410	AUG	---
MAR	6 660	SEP	---
APR	13 200	OCT	24 300
MAY	86 000	NOV	18 500
JUN	118 000	DEC	15 700

KAIAN RIVER ABOVE KAIAN FALLS - STATION NO. 06LC001

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1981

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	201B	189B	181B	177B	176B	213B	1 230	1 190	763	495	307B	183B	1
2	200B	189B	181B	177B	176B	217B	1 250	1 170	757	486	302B	178B	2
3	200B	189B	181B	177B	176B	221B	1 240	1 160	759	479	298B	176B	3
4	199B	188B	181B	177B	176B	225B	1 240	1 160	757	482	291B	173B	4
5	198B	188B	181B	177B	176B	232B	1 240	1 140	740	487	286B	170B	5
6	198B	188B	180B	176B	176B	251B	1 240	1 130	727	485	282B	168B	6
7	197B	187B	180B	176B	176B	311B	1 230	1 120	719	478	277B	164B	7
8	197B	187B	180B	176B	176B	399B	1 210	1 120	706	475	272B	161B	8
9	196B	187B	180B	176B	175B	481B	1 200	1 100	694	471	268B	158B	9
10	196P	186B	180B	176B	175B	538B	1 260	1 090	686	468	263B	155B	10
11	195B	186B	179B	176B	175B	620B	1 310	1 060	670	464	258B	153B	11
12	195B	186B	179B	176B	175B	716B	1 320	1 050	656	461	253B	150B	12
13	195B	185B	179B	176B	175B	810B	1 330	1 040	646	460	250B	148B	13
14	195B	185B	179B	176B	176B	909B	1 340	1 020	636	457	245B	146B	14
15	195B	185B	179B	176B	176B	997B	1 350	1 000	628	454	241B	143B	15
16	194B	185B	178B	176B	178B	1 030B	1 340	983	617	451	237B	140B	16
17	194B	185B	178B	176B	178B	1 060B	1 350	966	608	445	232B	138B	17
18	193B	184B	178B	176B	179B	1 090B	1 340	954	600	426	229B	135B	18
19	193B	184B	178B	176B	180B	1 110B	1 330	940	591	384	224B	133B	19
20	192B	183B	178B	176B	181B	1 110B	1 320	920	583	378B	221B	131B	20
21	192B	183B	178B	176B	183B	1 120B	1 310	903	577	372B	218B	128B	21
22	191B	183B	178B	176B	184B	1 140	1 300	891	573	365B	213B	126B	22
23	191B	183B	178B	176B	186B	1 190	1 290	883	571	360B	210B	124B	23
24	191B	183B	178B	176B	189B	1 210	1 290	872	569	353B	206B	122B	24
25	190B	182B	178B	176B	191B	1 220	1 280	863	566	348B	202B	120B	25
26	190B	182B	177B	176B	194B	1 230	1 270	852	549	342B	198B	118B	26
27	190B	181B	177B	176B	197B	1 220	1 260	834	531	335B	195B	116B	27
28	189B	181B	177B	176B	200B	1 220	1 250	820	518	330B	192B	114B	28
29	189B		177B	176B	204B	1 220	1 230	805	509	324B	188B	112B	29
30	189B		177B	176B	207B	1 220	1 220	797A	502	318B	185B	109B	30
31	189B		177B		211B		1 200	781A		312B		107B	31
TOTAL	6 014	5 184	5 542	5 285	5 677	24 530	39 570	30 614	19 008	12 945	7 243	4 399	TOTAL
MEAN	194	185	179	176	183	818	1 280	988	634	418	241	142	MEAN
MAX	201	189	181	177	211	1 230	1 350	1 190	763	495	307	183	MAX
MIN	189	181	177	176	175	213	1 200	781	502	312	185	107	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 455
MAXIMUM DAILY, 1 350 ON JUL 15
MINIMUM DAILY, 107B ON DEC 31

SUMMARY FOR THE YEAR 1981

TYPE OF GAUGE - RECORDING
LOCATION - LAT 63 39 00 N
LONG 95 51 15 W
DRAINAGE AREA, 72 300 km²
A - MANUAL GAUGE
B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	520 000	JUL	3 420 000
FEB	448 000	AUG	2 650 000
MAR	479 000	SEP	1 640 000
APR	457 000	OCT	1 120 000
MAY	490 000	NOV	626 000
JUN	2 120 000	DEC	380 000

TOTAL DISCHARGE, 14 400 000 dam³

KAZAN RIVER AT OUTLET OF ENNADAI LAKE - STATION NO. 06LA001

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1981

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	93.2B	81.3B	73.1B	68.0B	66.8B	193	234	205	145	115	96.3	82.0B	1
2	92.6B	80.7B	72.8B	68.0B	66.8B	195	233	204	144	116	95.1	81.5B	2
3	92.0B	80.4B	72.5B	68.0B	66.8B	201	234	204	144	115	93.8	81.0B	3
4	91.7B	80.1B	72.2B	67.7B	66.8B	202	236	199	144	115	93.6	80.5B	4
5	91.2B	79.9B	71.9B	67.7B	66.8B	205	235	198	143	113	93.6	80.0B	5
6	90.6B	79.6B	71.6B	67.7B	66.8B	212	230	195	142	112	93.1	79.8B	6
7	90.3B	79.3B	71.4B	67.7B	66.8B	217	226	189	138	111	92.5	79.5B	7
8	90.0B	79.0B	71.4B	67.7B	66.8B	221	221	191	134	110	91.9	79.2B	8
9	89.5B	78.7B	71.1B	67.7B	66.8B	223	231	192	134	109	91.1	78.9B	9
10	89.2B	78.4B	71.1B	67.7B	66.8B	225	231	190	129	106	90.6	78.7B	10
11	88.9B	78.2B	70.8B	67.4B	66.8B	224	228	181	123	105	90.1	78.4B	11
12	88.3B	77.9B	70.8B	67.4B	66.7	227	226	181	123	105	89.2	78.1B	12
13	87.8B	77.3B	70.5B	67.4B	65.9	228	229	176	123	105	88.3	77.9B	13
14	87.5B	77.0B	70.5B	67.4B	65.7	228	224	181	123	105	87.6	77.6B	14
15	87.2B	76.7B	70.2B	67.4B	66.6	229	225	184	123	105	87.2	77.3B	15
16	86.9B	76.5B	70.2B	67.4B	66.6	227	226	176	123	105	86.5	77.0B	16
17	86.7B	76.2B	69.9B	67.4B	66.7	224	226	180	123	102	86.0	76.8B	17
18	86.1B	75.9B	69.7B	67.1B	67.7	225	220	170	122	100	85.5	76.5B	18
19	85.8B	75.9B	69.7B	67.1B	70.5	222	220	170	122	99.4	85.0	76.2B	19
20	85.5B	75.6B	69.4B	67.1B	75.1	221	223	178	123	99.5	84.6	76.0B	20
21	85.2B	75.3B	69.4B	67.1B	84.8	219	222	170	123	99.3	84.6	75.7B	21
22	84.7B	75.0B	69.1B	67.1B	96.6	222	217	166	122	99.1	84.5	75.4B	22
23	84.1B	74.8B	68.8B	67.1B	106	223	215	169	120	98.9	84.3	75.2B	23
24	84.4B	74.5B	68.8B	67.1B	121	221	208	165	119	98.6	83.9	74.9B	24
25	83.5B	74.2B	68.5B	66.8B	132	218	211	159A	118	98.5	83.4	74.6B	25
26	83.3B	73.9B	68.5B	66.8B	145	220	212	160A	117	98.3	83.1	74.4B	26
27	82.7B	73.6B	68.2B	66.8B	158	223	213	160	116	98.0	83.1	74.1B	27
28	82.4B	73.3B	68.2B	66.8B	167	230	208	156	116	98.2	82.9	73.8B	28
29	82.1B		68.0B	66.8B	175	232	205	145	116	98.1	83.0	73.6B	29
30	81.8B		68.0B	66.8B	182	233	210	145	116	97.6	82.5B	73.3B	30
31	81.6B		68.0B		189		206	145		97.0		73.0B	31
TOTAL	2 696.8	2 159.2	2 174.3	2 020.2	2 902.7	6 590	6 885	5 484	3 808	3 234.5	2 636.9	2 390.9	TOTAL
MEAN	87.0	77.1	70.1	67.3	93.6	220	222	177	127	104	87.9	77.1	MEAN
MAX	93.2	81.3	73.1	68.0	189	233	236	205	145	116	96.3	82.0	MAX
MIN	81.6	73.3	68.0	66.8	65.7	193	205	145	116	97.0	82.5	73.0	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 118
MAXIMUM DAILY, 236 ON JUL 4
MINIMUM DAILY, 65.7 ON MAY 14
MAXIMUM INSTANTANEOUS,
242 AT 21:00 CST ON JUL 4

SUMMARY FOR THE YEAR 1981

TYPE OF GAUGE - RECORDING
LOCATION - LAT 61 15 40 N
LONG 100 58 20 W
DRAINAGE AREA, 23 900 km²
A - MANUAL GAUGE
B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	233 000	JUL	595 000
FEB	187 000	AUG	474 000
MAR	188 000	SEP	329 000
APR	175 000	OCT	279 000
MAY	251 000	NOV	228 000
JUN	569 000	DEC	207 000

TOTAL DISCHARGE, 3 720 000 dam³

KENDALL RIVER NEAR OUTLET OF DISMAL LAKES - STATION NO. 10PC001

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1981

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	---	---	---	117	---	17.2	13.0	15.8	3.70 B	0.250B	1
2	---	---	---	---	---	116	---	17.2	12.9	20.0	3.50 B	0.180B	2
3	---	---	---	---	---	118	36.5	16.9	13.2	20.1	3.30 B	0.120B	3
4	---	---	---	---	---	118	41.5	16.1	12.6	17.7	3.13 B	0.060B	4
5	---	---	---	---	---	---	45.8	15.8	12.1	18.4	2.97 B	0 B	5
6	---	---	---	---	---	---	48.1	15.3	11.6	18.0	2.85 B	0 B	6
7	---	---	---	---	---	---	44.0	14.8	11.0	15.3	2.72 B	0 B	7
8	---	---	---	---	---	---	44.9	14.5	11.8	14.3	2.59 B	0 B	8
9	---	---	---	---	---	---	47.1	14.7	15.6	14.3	2.48 B	0 B	9
10	---	---	---	---	---	---	47.5	15.0	17.5	14.2	2.38 B	0 B	10
11	---	---	---	---	---	---	44.2	13.4	18.0	13.8	2.28 B	0 B	11
12	---	---	---	---	---	---	41.1	14.0	19.2	13.4	2.18 B	0 B	12
13	---	---	---	---	---	---	40.9	14.3	19.9	13.2	2.09 B	0 B	13
14	---	---	---	---	---	---	37.1	13.6	20.1	12.8	2.00 B	0 B	14
15	---	---	---	---	---	---	36.1	14.5	18.0	12.2	1.84 B	0 B	15
16	---	---	---	---	---	---	34.6	13.7	19.1	11.1 B	1.70 B	0 B	16
17	---	---	---	---	---	---	33.0	13.4	20.5	10.2 B	1.56 B	0 B	17
18	---	---	---	---	---	---	31.4	12.5	19.0	9.30B	1.42 B	0 B	18
19	---	---	---	---	---	---	29.3	12.0	16.7	8.55B	1.30 B	0 B	19
20	---	---	---	---	---	---	26.7	11.9	18.1	7.90B	1.19 B	0 B	20
21	---	---	---	---	---	---	27.6	12.9	19.0	7.35B	1.08 B	0 B	21
22	---	---	---	---	---	---	26.3	14.1	20.9	6.85B	0.970B	0 B	22
23	---	---	---	---	---	---	25.2	15.3	18.6	6.35B	0.870B	0 B	23
24	---	---	---	---	---	---	23.7	15.4	17.7	5.90B	0.780B	0 B	24
25	---	---	---	---	---	---	21.7	15.0	17.6	5.55B	0.680B	0 B	25
26	---	---	---	---	---	---	20.6	15.1	17.6	5.23B	0.600B	0 B	26
27	---	---	---	---	---	---	20.9	15.4	16.4	4.93B	0.530B	0 B	27
28	---	---	---	---	---	---	19.4	15.3	15.3	4.65B	0.450B	0 B	28
29	---		---	---	119	---	18.5	14.4	15.4	4.35B	0.380B	0 B	29
30	---		---	---	118	---	18.1	13.6	15.5	4.05B	0.300B	0 B	30
31	---		---		116		17.1	13.4		3.90B		0 B	31
TOTAL	---	---	---	---	---	---	---	450.7	493.9	339.66	53.820	0.610	TOTAL
MEAN	---	---	---	---	---	---	---	14.5	16.5	11.0	1.79	0.020	MEAN
MAX	---	---	---	---	---	---	---	17.2	20.9	20.1	3.70	0.250	MAX
MIN	---	---	---	---	---	---	---	11.9	11.0	3.90	0.300	0	MIN

SUMMARY FOR THE YEAR 1981

TYPE OF GAUGE - RECORDING
LOCATION - LAT 67 13 00 N
LONG 116 31 30 W
DRAINAGE AREA, 2 800 km²

B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	---	JUL	---
FEB	---	AUG	38 900
MAR	---	SEP	42 700
APR	---	OCT	29 300
MAY	---	NOV	4 650
JUN	---	DEC	52.7

KINGYOUK CREEK NEAR BAKER LAKE - STATION NO. 06MA002

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1981

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	0B	0B	0B	0 B	8.83A	1.93	0.124	0.088B	---	---	1
2	---	---	0B	0B	0B	0 B	7.95	1.74	0.127	0.090B	---	---	2
3	---	---	0B	0B	0B	0 B	7.24	1.54	0.187	0.093B	---	---	3
4	---	---	0B	0B	0B	0 B	6.87	1.38	0.350	0.095B	---	---	4
5	---	---	0B	0B	0B	0.003B	6.26	1.45	0.413	0.100B	---	---	5
6	---	---	0B	0B	0B	0.020B	5.74	1.35	0.407	0.230B	---	---	6
7	---	---	0B	0B	0B	0.045B	5.58	1.35	0.439	0.320B	---	---	7
8	---	---	0B	0B	0B	0.100B	5.11	1.18	0.488	0.394B	---	---	8
9	---	---	0B	0B	0B	0.280B	5.06	1.23	0.506	0.396B	---	---	9
10	---	---	0B	0B	0B	0.480B	5.85	1.09	0.465	0.387B	---	---	10
11	---	---	0B	0B	0B	0.860B	6.74	2.00	0.385	0.335B	---	---	11
12	---	---	0B	0B	0B	1.50 B	6.82	1.61	0.302	0.280B	---	---	12
13	---	---	0B	0B	0B	2.75 B	6.68	0.697	0.300	0.240B	---	---	13
14	---	---	0B	0B	0B	4.60 B	6.91	0.598	0.323	0.200B	---	---	14
15	---	---	0B	0B	0B	8.00 B	6.50	0.507	0.301	0.140B	---	---	15
16	---	---	0B	0B	0B	15.0 B	6.51	0.609	0.253	0.105B	---	---	16
17	---	---	0B	0B	0B	23.0 B	6.49	0.552	0.238	0.085B	---	---	17
18	---	---	0B	0B	0B	32.0 E	6.02	0.355	0.358	0.060B	---	---	18
19	---	---	0B	0B	0B	39.0 E	5.47	0.349	0.405	0.045B	---	---	19
20	---	---	0B	0B	0B	39.5 E	4.79	0.260	0.312	0.033B	---	---	20
21	---	---	0B	0B	0B	35.0 E	4.25	0.252	0.209	0.011B	---	---	21
22	---	---	0B	0B	0B	28.5 E	4.51	0.263	0.194	0.005B	---	---	22
23	---	---	0B	0B	0B	23.3 E	3.70	0.233	0.196	0 B	---	---	23
24	---	---	0B	0B	0B	19.3 A	3.29	0.243	0.180	0 B	---	---	24
25	---	---	0B	0B	0B	16.0 E	3.22	0.326	0.160B	0 B	---	---	25
26	---	---	0B	0B	0B	13.4 E	2.80	0.297	0.140B	0 B	---	---	26
27	---	---	0B	0B	0B	11.5 E	2.63	0.262	0.124B	0 B	---	---	27
28	---	---	0B	0B	0B	9.80 E	3.06	0.235	0.105B	0 B	---	---	28
29	---		0B	0B	0B	8.80 E	2.78	0.225	0.090B	0 B	---	---	29
30	---		0B	0B	0B	8.45 E	2.09	0.189	0.085B	0.030B	---	---	30
31	---		0B		0B		2.04	0.144		0.055B		---	31
TOTAL	---	---	0	0	0	341.188	162.79	24.446	8.166	3.817	---	---	TOTAL
MEAN	---	---	0	0	0	11.4	5.25	0.789	0.272	0.123	---	---	MEAN
MAX	---	---	0	0	0	39.5	8.83	2.00	0.506	0.396	---	---	MAX
MIN	---	---	0	0	0	0	2.04	0.144	0.085	0	---	---	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 2.21
MAXIMUM DAILY, 39.5E ON JUN 20
MINIMUM DAILY, 0B ON MAR 1

SUMMARY FOR THE MONTHS MAR TO OCT

TYPE OF GAUGE - RECORDING
LOCATION - LAT 64 15 30 N
LONG 96 19 00 W
DRAINAGE AREA, 433 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	14 100
FEB	---	AUG	2 110
MAR	0	SEP	706
APR	0	OCT	330
MAY	0	NOV	---
JUN	29 500	DEC	---

TOTAL DISCHARGE, 46 700 dam³

KOGNAK RIVER BELOW MOUNTAIN LAKE - STATION NO. 06HD001

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1981

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	18.6B	---	---	---	3.85 E	167	224 E	87.0	45.2	35.5	22.4B	13.1 B	1
2	18.2B	---	---	---	3.60 E	201	218 E	85.0	45.5	35.4	22.0B	12.9 B	2
3	18.0B	---	---	---	3.40 E	239	213 E	82.6	44.0	34.8	21.6B	12.6 B	3
4	17.8B	---	---	---	3.18 E	291	208 E	80.1	43.2	34.3	21.2B	12.4 B	4
5	17.5B	---	---	---	2.98 E	319	203 E	78.7	42.8	33.8	20.9B	12.2 B	5
6	17.2B	---	---	---	2.84 A	319E	198 E	77.5	42.2	33.2	20.6B	12.0 B	6
7	16.9B	---	---	---	2.65	321E	194 E	74.9	41.5	33.4	20.3B	11.8 B	7
8	16.6B	---	---	---	2.40	328E	189 E	73.0	40.7	33.6	19.9B	11.5 B	8
9	16.3B	---	---	---	2.23	328E	184 E	71.7	40.1	33.9	19.5B	11.3 B	9
10	16.1B	---	---	---	2.35	328E	180 E	70.6	40.2	33.9	19.2B	11.1 B	10
11	15.8B	---	---	---	2.22	325E	176 E	66.7	40.6	34.1	18.8B	10.9 B	11
12	15.6B	---	---	---	1.95	322E	172 E	65.2	40.1	34.0	18.5B	10.7 B	12
13	15.3B	---	---	---	1.81	320E	169 A	65.0	39.3	34.1	18.2B	10.5 B	13
14	15.1B	---	---	---	1.63	313E	165	63.6	39.2	34.4	17.8B	10.3 B	14
15	14.8B	---	---	---	1.61	309E	159	62.6	39.1	34.8	17.4B	10.1 B	15
16	14.5B	---	---	---	1.28	302E	155	60.8	39.0	34.8	17.0B	9.90B	16
17	14.3B	---	---	---	1.09	297E	150	59.2	39.0	34.1	16.7B	9.70B	17
18	14.0B	---	---	---	0.991	291E	144	57.7	38.2	33.2	16.4B	9.60B	18
19	13.8B	---	---	---	0.966	285E	136	56.5	37.9	31.9	16.1B	9.40B	19
20	13.6B	---	---	---	1.57	280E	131	57.0	37.9	30.2	15.8B	9.20B	20
21	13.4B	---	---	---	3.97	275E	126	55.5	37.9	30.8	15.5B	9.00B	21
22	13.2B	---	---	---	4.70	270E	120	54.5	37.4	26.9	15.2B	8.80B	22
23	12.9B	---	---	---	5.83	263E	112	53.1	37.3	26.8	15.0B	8.70B	23
24	12.7B	---	---	---	9.41	258E	108	53.2	36.8	25.9	14.8B	8.60B	24
25	12.6B	---	---	---	12.8	252E	104	52.6	36.7	19.3B	14.5B	8.50B	25
26	12.4B	---	---	---	23.9	248E	99.7	51.3	36.3	10.7B	14.2B	8.30B	26
27	12.3B	---	---	---	38.8	243E	98.5	49.9	35.4	21.8B	14.0B	8.20B	27
28	12.2B	---	---	---	55.4	238E	95.6	48.3	35.2	24.5B	13.8B	8.00B	28
29	12.0B		---	---	73.2	232E	91.7	47.5	35.2	23.8B	13.6B	7.80B	29
30	13.8B		---	---	106	228E	90.6	46.4	35.4	23.3B	13.3B	7.70B	30
31	13.7B		---		141		89.5	45.8		22.8B		7.60B	31
TOTAL	461.2	---	---	---	519.607	8 392	4 703.6	1 953.5	1 179.3	934.0	528.2	312.40	TOTAL
MEAN	14.9	---	---	---	16.8	280	152	63.0	39.3	30.1	17.5	10.1	MEAN
MAX	18.6	---	---	---	141	328	224	87.0	45.5	35.5	22.4	13.1	MAX
MIN	12.0	---	---	---	0.966	167	89.5	45.8	35.2	10.7	13.3	7.60	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MAXIMUM DAILY, 328E ON JUN 8
MINIMUM DAILY, 0.966 ON MAY 19

SUMMARY FOR THE YEAR 1981

TYPE OF GAUGE - RECORDING
LOCATION - LAT 61 15 20 N
LONG 98 27 50 W
DRAINAGE AREA, 7 560 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	39 800	JUL	406 000
FEB	---	AUG	169 000
MAR	---	SEP	102 000
APR	---	OCT	80 700
MAY	44 900	NOV	45 300
JUN	725 000	DEC	27 000

NORTHWEST TERRITORIES

KUNWAK RIVER BELOW PRINCESS MARY LAKE - STATION NO. 06LC002

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1981

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	42.8B	32.3B	24.8B	18.5B	14.0B	12.2	136	177	134	81.4	34.1B	20.8B	1
2	42.5B	32.0B	24.5B	18.3B	13.8B	13.7	137	174	129	69.9	33.5B	20.5B	2
3	42.2B	31.7B	24.3B	18.1B	13.7B	13.6	139	175	130	63.6	33.0B	20.1B	3
4	41.9B	31.4B	23.9B	18.0B	13.6B	12.8	139	170	129	65.0	32.5B	19.8B	4
5	41.6B	30.9B	23.7B	17.8B	13.5B	14.2	140	171	128	63.3	31.9B	19.6B	5
6	41.3B	30.6B	23.5B	17.6B	13.3B	16.3	142	171	128	65.4	31.5B	19.3B	6
7	40.8B	30.3B	23.3B	17.5B	13.2B	18.3	143	169	127	65.6	30.9B	18.9B	7
8	40.5B	30.0B	23.1B	17.3B	13.1B	20.7	142	169	127	65.3	30.3B	18.5B	8
9	39.9B	29.7B	22.9B	17.1B	13.0B	25.7	153	169	127	64.2	29.9B	18.3B	9
10	39.6B	29.4B	22.7B	17.0B	12.9B	32.0	159	170	126	64.1	29.4B	18.0B	10
11	39.1B	29.2B	22.5B	16.8B	12.7B	42.8	165	177	123	63.7	28.8B	17.7B	11
12	38.8B	29.2B	22.2B	16.7B	12.6B	67.2	168	166	122	61.8	28.4B	17.4B	12
13	38.5B	28.9B	22.0B	16.5B	12.5B	88.9	172	167	121	63.0	28.0B	17.2B	13
14	38.2B	28.6B	21.8B	16.4B	12.4B	94.2	178	163	116	63.3	27.5B	16.9B	14
15	37.9B	28.3B	21.6B	16.2B	12.3B	97.6	182	158	115	63.0	27.0B	16.5B	15
16	37.4B	28.0B	21.4B	16.1B	12.1B	103	181	159	107	60.5B	26.8B	16.3B	16
17	37.1B	27.8B	21.2B	15.9B	12.0B	105	178	154	106	59.0B	26.3B	16.0B	17
18	36.5B	27.5B	21.0B	15.8B	11.9B	109	181	157	107	57.5B	25.8B	15.8B	18
19	36.2B	27.2B	20.8B	15.6B	11.8B	113	200	150	106	52.0B	25.4B	15.5B	19
20	36.0B	27.0B	20.6B	15.5B	11.7B	116	195	149	102	46.0B	25.0B	15.2B	20
21	35.4B	26.8B	20.4B	15.3B	11.7B	117	196	151	101	40.8B	24.7B	15.0B	21
22	35.1B	26.5B	20.2B	15.2B	11.5B	120	194	148	100	40.0B	24.3B	14.8B	22
23	34.8B	26.3B	20.1B	15.0B	11.4B	125	190	146	101	39.5B	23.7B	14.5B	23
24	34.5B	26.1B	19.9B	14.9B	11.3B	129	190	149	101	38.8B	23.5B	14.4B	24
25	34.3B	25.8B	19.7B	14.8B	11.2B	128	187	146	102	38.3B	23.1B	14.1B	25
26	34.0B	25.6B	19.5B	14.6B	11.1B	130	185	145	99.2	37.8B	22.8B	13.8B	26
27	33.7B	25.3B	19.3B	14.5B	11.0B	134	183	143	94.7	37.0B	22.3B	13.6B	27
28	33.4B	25.0B	19.2B	14.4B	11.0B	134	183	141	88.7	36.5B	22.0B	13.3B	28
29	33.1B		19.0B	14.2B	11.1B	134	180	139	85.1	35.8B	21.7B	13.1B	29
30	32.8B		18.8B	14.1B	11.2B	134	178	136	83.1	35.2B	21.3B	12.9B	30
31	32.6B		18.6B		11.6		177	135		34.8B		12.7B	31
TOTAL	1 162.5	797.4	666.5	485.7	380.2	2 401.2	5 273	4 894	3 365.8	1 672.1	815.4	510.5	TOTAL
MEAN	37.5	28.5	21.5	16.2	12.3	80.0	170	158	112	53.9	27.2	16.5	MEAN
MAX	42.8	32.3	24.8	18.5	14.0	134	200	177	134	81.4	34.1	20.8	MAX
MIN	32.6	25.0	18.6	14.1	11.0	12.2	136	135	83.1	34.8	21.3	12.7	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 61.4
MAXIMUM DAILY, 200 ON JUL 19
MINIMUM DAILY, 11.0B ON MAY 27
MAXIMUM INSTANTANEOUS,
205 AT 06:07 CST ON JUL 19

SUMMARY FOR THE YEAR 1981

TYPE OF GAUGE - RECORDING
LOCATION - LAT 63 48 00 N
LONG 97 24 00 W
DRAINAGE AREA, 12 100 km²

B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	100 000	JUL	456 000
FEB	68 900	AUG	423 000
MAR	57 600	SEP	291 000
APR	42 000	OCT	144 000
MAY	32 800	NOV	70 500
JUN	207 000	DEC	44 100

TOTAL DISCHARGE, 1 940 000 dam³

LA MARTRE RIVER BELOW OUTLET OF LAC LA MARTRE - STATION NO. 07TA001

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1981

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	16.2B	15.6B	15.8B	16.3B	24.2B	35.1	37.5	32.1	26.9	21.6	24.2B	23.6B	1
2	16.1B	15.5B	15.8B	16.3B	25.9B	35.8	37.3	30.8	28.6	21.0	24.3B	23.3B	2
3	16.1B	15.5B	15.8B	16.3B	27.7B	36.6	36.9	30.3	30.6	23.0	24.5B	23.2B	3
4	16.0B	15.5B	15.8B	16.3B	29.3E	37.7	38.3	31.5	30.0	26.2	24.7B	23.0B	4
5	16.0B	15.5B	15.8B	16.3B	30.3E	39.1	41.9	31.0	28.7	26.8	24.8B	22.9B	5
6	16.0B	15.5B	15.8B	16.4B	30.7E	38.4	40.6	30.6	28.0	26.3	24.9B	22.7B	6
7	15.9B	15.5B	15.8B	16.4B	30.9E	37.2	39.8	30.4	26.6	24.9	25.0B	22.6B	7
8	15.9B	15.5B	15.9B	16.4B	31.0	36.9	39.4	30.0	24.6	23.6	25.0B	22.4B	8
9	15.9B	15.6B	15.9B	16.5B	30.6	37.1	40.3	30.1	24.5	23.2	25.0B	22.2B	9
10	15.8B	15.6B	15.9B	16.5B	30.1	37.9	40.7	30.6	25.7	23.6	24.6B	22.1B	10
11	15.8B	15.6B	15.9B	16.6B	30.2	38.4	39.1	31.3	25.0	24.5	24.6B	22.0B	11
12	15.8B	15.6B	15.9B	16.6B	29.4	38.8	37.3	33.9E	24.7	25.2	24.5B	21.8B	12
13	15.8B	15.6B	15.9B	16.8B	29.0	39.1	37.2	33.8E	24.8	25.5	24.5B	21.7B	13
14	15.8B	15.6B	16.0B	16.9B	28.5	39.2	37.1	33.4E	24.4	25.4	24.6B	21.5B	14
15	15.8B	15.6B	16.0B	16.9B	28.2	39.4	35.7	33.1E	23.4	25.3	24.7B	21.4B	15
16	15.7B	15.6B	16.0B	16.9B	28.4	39.2	35.4	32.5E	23.0	25.4	24.7B	21.2B	16
17	15.7B	15.6B	16.0B	16.8B	29.4	39.4	35.0	31.7E	24.0	26.0	24.8B	21.1B	17
18	15.7B	15.6B	16.0B	16.8B	30.0E	39.8	34.0	31.0E	24.2	26.0B	25.0B	21.0B	18
19	15.7B	15.6B	16.0B	16.9B	30.6E	39.4	32.3	29.9E	23.1	26.3B	25.1B	20.8B	19
20	15.6B	15.7B	16.0B	17.0B	31.1E	39.3	31.5	28.9E	22.9	26.1B	25.0B	20.7B	20
21	15.6B	15.7B	16.0B	17.2B	31.3E	39.1	32.5	28.3E	24.9	25.7B	24.9B	20.6B	21
22	15.6B	15.7B	16.1B	17.6B	31.9E	39.0	32.9	27.8E	27.0	25.2B	24.8B	20.5B	22
23	15.6B	15.7B	16.1B	17.9B	32.1E	38.4	32.6	27.5E	28.4	24.9B	24.7B	20.4B	23
24	15.6B	15.7B	16.1B	18.6B	32.9	38.2	32.6	27.9E	27.7	24.5B	24.6B	20.2B	24
25	15.6B	15.7B	16.1B	19.2B	33.7	38.7	32.3	26.6	26.3	24.2B	24.5B	20.1B	25
26	15.6B	15.7B	16.1B	19.9B	33.9	39.3	31.7	26.2	25.1	24.1B	24.4B	20.0B	26
27	15.6B	15.7B	16.2B	20.6B	34.0	39.0	32.6	26.4	23.7	24.0B	24.2B	19.8B	27
28	15.6B	15.8B	16.2B	21.4B	34.4	38.6	33.0	27.0	22.1	24.0B	24.1B	19.7B	28
29	15.6B		16.2B	22.3B	34.8	37.9	32.4	27.2	21.7	24.0B	24.0B	19.5B	29
30	15.6B		16.2B	23.2B	34.6	37.5	31.7	27.1	22.1	24.0B	23.7B	19.3B	30
31	15.6B		16.2B		34.4		31.9	26.6		24.1B		19.2B	31
TOTAL	488.9	437.1	495.5	529.8	953.5	1 149.5	1 103.5	925.5	762.7	764.6	738.4	660.5	TOTAL
MEAN	15.8	15.6	16.0	17.7	30.8	38.3	35.6	29.9	25.4	24.7	24.6	21.3	MEAN
MAX	16.2	15.8	16.2	23.2	34.8	39.8	41.9	33.9	30.6	26.8	25.1	23.6	MAX
MIN	15.6	15.5	15.8	16.3	24.2	35.1	31.5	26.2	21.7	21.0	23.7	19.2	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 24.7
MAXIMUM DAILY, 41.9 ON JUL 5
MINIMUM DAILY, 15.5B ON FEB 2
MAXIMUM INSTANTANEOUS,
42.6 AT 13:05 MST ON JUL 5

SUMMARY FOR THE YEAR 1981

TYPE OF GAUGE - RECORDING
LOCATION - LAT 63 06 27 N
LONG 116 58 20 W
DRAINAGE AREA, 15 900 km²

B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	42 200	JUL	95 300
FEB	37 800	AUG	80 000
MAR	42 800	SEP	65 900
APR	45 800	OCT	66 100
MAY	82 400	NOV	63 800
JUN	99 300	DEC	57 100

TOTAL DISCHARGE, 779 000 dam³

NORTHWEST TERRITORIES

LAC LA MARTRE AT LAC LA MARTRE - STATION NO. 07TA002

DAILY WATER LEVEL IN METRES FOR 1981

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	---	---	---	---	---	---	---	---	---	---	1
2	---	---	---	---	---	---	---	---	---	---	---	---	2
3	---	---	---	---	---	---	---	---	---	---	---	---	3
4	---	---	---	---	---	---	---	---	---	---	---	1.152	4
5	---	---	---	---	---	---	---	---	---	---	---	---	5
6	---	---	---	---	---	---	---	---	---	---	---	---	6
7	---	---	---	---	1.145	---	---	---	---	---	---	---	7
8	---	---	---	1.139	---	---	---	---	---	---	---	---	8
9	---	---	---	---	---	1.216	---	---	---	---	---	---	9
10	---	---	1.131	---	---	---	---	---	---	---	---	---	10
11	---	---	---	---	---	---	---	---	---	---	---	---	11
12	---	---	---	---	---	---	---	---	---	---	---	---	12
13	---	---	---	---	---	---	---	---	---	---	---	---	13
14	---	---	---	---	---	---	---	---	---	---	---	---	14
15	---	---	---	---	---	---	---	---	---	---	---	---	15
16	---	---	---	---	---	---	---	---	---	---	---	---	16
17	---	---	---	---	---	---	---	---	---	---	---	---	17
18	---	---	---	---	---	---	---	---	1.048	---	---	---	18
19	---	---	---	---	---	---	---	---	---	---	---	---	19
20	---	---	---	---	---	---	---	---	---	---	---	---	20
21	1.119	---	---	---	---	---	---	---	---	---	---	---	21
22	---	---	---	---	---	---	---	---	---	---	---	---	22
23	---	---	---	---	---	---	---	---	---	---	---	---	23
24	---	---	---	---	---	---	---	1.169	---	---	---	---	24
25	---	---	---	---	---	---	---	---	---	---	---	---	25
26	---	---	---	---	---	---	---	---	---	---	---	---	26
27	---	---	---	---	---	---	---	---	---	---	---	---	27
28	---	---	---	---	---	---	---	---	---	---	---	---	28
29	---		---	---	---	---	---	---	---	---	---	---	29
30	---		---	---	---	1.254	---	---	---	---	---	---	30
31	---		---		---		---	---		---		---	31
MEAN	---	---	---	---	---	---	---	---	---	---	---	---	MEAN
MAX	---	---	---	---	---	---	---	---	---	---	---	---	MAX
MIN	---	---	---	---	---	---	---	---	---	---	---	---	MIN

SUMMARY FOR THE YEAR 1981

TYPE OF GAUGE - MANUAL
LOCATION - LAT 63 08 15 N
LONG 117 17 00 W

NATURAL FLOW

WATER LEVELS ARE REFERRED TO ASSUMED DATUM

LIARD RIVER AT FORT LIARD - STATION NO. 10ED001

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1981

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	---	333B	520B	8 730	3 940	2 200	2 660	1 470	1 190	520B	1
2	---	---	---	333B	770B	8 670	3 800	2 130	2 510	1 450	1 100B	525B	2
3	---	---	---	333B	1 100B	8 430	3 720	2 080	2 380	1 440	1 050B	530B	3
4	---	---	---	333B	1 650B	8 010	3 630	2 050	2 280	1 440	1 000B	540B	4
5	---	---	---	333B	2 500B	7 560	3 660	1 990	2 180	1 440	970B	545B	5
6	---	---	---	333B	3 970	6 990	3 750	1 920	2 050	1 410	930B	550B	6
7	---	---	---	333B	4 520	6 490	3 610	1 880	1 950	1 370	900B	555B	7
8	---	---	---	333B	4 730	6 200	3 370	1 840	1 870	1 340	890B	560B	8
9	---	---	---	333B	4 660	5 790	3 200	1 840	1 820	1 310	910B	560B	9
10	---	---	---	333B	4 690	5 340	3 090	1 840	1 820	1 290	910B	---	10
11	---	---	---	331B	4 710	5 000	2 980	1 800	1 910	1 280	870B	---	11
12	---	---	---	331B	5 090	4 730	2 860	1 750E	1 990	1 250	820B	---	12
13	---	---	---	331B	5 480	4 560	2 780	1 690E	2 070	1 230	800B	---	13
14	---	---	---	331B	5 270	4 470	2 790	1 640E	2 120	1 210	810B	---	14
15	---	---	---	331B	4 960	4 490	2 940	1 580E	2 140	1 210	830B	---	15
16	---	---	---	331B	4 570	4 650	3 060	1 530E	2 100	1 270	820B	---	16
17	---	---	---	331B	4 550	4 920	3 040	1 490E	2 030	1 360	780B	---	17
18	---	---	---	331B	4 800	5 050	2 970	1 460A	1 950	1 450	720B	---	18
19	---	---	---	331B	5 190	5 000	2 910	1 430	1 930	1 570	680B	---	19
20	---	---	---	331B	5 560	4 900	2 920	1 390	1 950	1 630	650B	---	20
21	---	---	---	331B	5 800	4 790	2 940	1 370	1 940	1 600	630B	---	21
22	---	---	---	335B	5 960	4 750	2 930	1 330	1 920	1 540	600B	---	22
23	---	---	---	338B	6 390	4 750	2 900	1 300	1 880	1 480	580B	---	23
24	---	---	335B	345B	6 690	4 750	2 820	1 290	1 800	1 440	560B	---	24
25	---	---	335B	352B	6 930	4 690	2 750	1 260	1 730	1 420	540B	---	25
26	---	---	335B	364B	7 020	4 610	2 630	1 250	1 680	1 430	520B	---	26
27	---	---	335B	375B	7 050	4 570	2 530	1 270	1 630	1 430	510B	---	27
28	---	---	335B	390B	7 870	4 490	2 450	1 320	1 590	1 480	510B	---	28
29	---		335B	405B	9 340	4 310	2 390	1 560	1 550	1 500	505B	---	29
30	---		335B	440B	9 460	4 100	2 330	2 030	1 510	1 490	510B	---	30
31	---		335B		9 090		2 270	2 520		1 330		---	31
TOTAL	---	---	---	10 315	160 890	165 790	93 960	52 030	58 940	43 560	23 095	---	TOTAL
MEAN	---	---	---	344	5 190	5 530	3 030	1 680	1 960	1 410	770	---	MEAN
MAX	---	---	---	440	9 460	8 730	3 940	2 520	2 660	1 630	1 190	---	MAX
MIN	---	---	---	331	520	4 100	2 270	1 250	1 510	1 210	505	---	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MAXIMUM DAILY, 9 460 ON MAY 30

MAXIMUM INSTANTANEOUS,
9 530 AT 20:30 MST ON MAY 29

SUMMARY FOR THE YEAR 1981

TYPE OF GAUGE - RECORDING
LOCATION - LAT 60 14 35 N
LONG 123 28 45 W
DRAINAGE AREA, 222 000 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	8 120 000
FEB	---	AUG	4 500 000
MAR	---	SEP	5 090 000
APR	891 000	OCT	3 760 000
MAY	13 900 000	NOV	2 000 000
JUN	14 300 000	DEC	---

NORTHWEST TERRITORIES

LIARD RIVER NEAR THE MOUTH - STATION NO. 10ED002

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1981

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	671B	460B	430B	420B	425B	11 300	4 890	2 890	2 450	1 800	1 230	620B	1
2	671B	460B	430B	420B	435B	10 800	4 700	2 800	2 900	1 740	1 200E	650B	2
3	672B	457B	430B	420B	460B	10 500	4 480	2 710	3 030	1 700	1 160A	670B	3
4	672B	455B	430B	420B	700B	10 100	4 330	2 610	2 900	1 680	1 150A	690B	4
5	673B	455B	430B	420B	1 200B	9 610	4 270	2 520	2 750	1 650	1 040	700B	5
6	670B	450B	430B	415B	1 800B	9 010	4 260	2 460	2 620	1 630	1 050	705B	6
7	640B	450B	430B	415B	2 800B	8 490	4 280	2 390	2 510	1 600	995	700B	7
8	620B	450B	430B	415B	4 400B	8 220	4 270	2 370	2 390	1 580	1 000	700B	8
9	600B	445B	426B	415B	6 870B	8 680	4 090	2 380	2 290	1 560	1 070	700B	9
10	590B	445B	425B	415B	6 510B	8 380	3 850	2 360	2 200	1 540	1 120	700B	10
11	590B	445B	425B	415B	6 340B	7 630	3 680	2 300	2 200	1 500	1 060	697B	11
12	580B	445B	425B	415B	6 270	6 970	3 560	2 280	2 360	1 480	1 020	695B	12
13	570B	445B	425B	415B	6 550	6 380	3 460	2 220	2 480	1 450	965	690B	13
14	565B	440B	425B	415B	6 790	5 970	3 380	2 140	2 540	1 420	887	685B	14
15	555B	440B	425B	415B	6 720	5 720	3 390	2 050	2 580	1 390	963	680B	15
16	550B	440B	425B	415B	6 300	5 630	3 440	1 990	2 620	1 380	1 040	680B	16
17	540B	440B	425B	415B	5 770	5 670	3 490	1 920	2 590	1 410	990	675B	17
18	530B	440B	425B	415B	5 540	5 850	3 520	1 850	2 510	1 480	980	670B	18
19	525B	440B	420B	415B	5 720	5 950	3 520	1 780	2 410	1 600	931	670B	19
20	515B	440B	420B	415B	6 170	5 890	3 510	1 710	2 320	1 730	870	665B	20
21	510B	440B	420B	415B	6 680	5 780	3 490	1 650	2 290	1 840	800B	665B	21
22	505B	435B	420B	415B	6 960	5 750	3 530	1 600	2 290	1 880	740B	660B	22
23	500B	435B	420B	413B	7 220	5 640	3 500	1 560	2 260	1 840	670B	660B	23
24	490B	435B	420B	410B	7 670	5 530	3 490	1 520	2 230	1 760	650B	660B	24
25	485B	435B	420B	410B	8 250	5 500	3 470	1 500	2 170	1 700	620B	655B	25
26	480B	435B	420B	410B	8 300	5 480	3 450	1 480	2 090	1 630	590B	650B	26
27	480B	435B	420B	410B	8 440	5 340	3 380	1 450	2 010	1 580	570B	650B	27
28	475B	430B	420B	410B	8 600	5 210	3 220	1 450	1 930	1 550	575B	645B	28
29	470B		420B	415B	9 080	5 120	3 110	1 570	1 880	1 630	580B	645B	29
30	465B		420B	420B	10 500	5 030	3 030	1 880	1 830	1 420	590B	640B	30
31	460B		420B		11 300		2 970	2 010		1 170		640B	31
TOTAL	17 319	12 422	13 151	12 453	180 770	211 130	115 010	63 400	71 630	49 320	27 106	20 812	TOTAL
MEAN	559	444	424	415	5 830	7 040	3 710	2 050	2 390	1 590	904	671	MEAN
MAX	673	460	430	420	11 300	11 300	4 890	2 890	3 030	1 880	1 230	705	MAX
MIN	460	430	420	410	425	5 030	2 970	1 450	1 830	1 170	570	620	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 2 180
MAXIMUM DAILY, 11 300 ON MAY 31
MINIMUM DAILY, 410B ON APR 24
MAXIMUM INSTANTANEOUS,
11 500 AT 19:50 MST ON MAY 31

SUMMARY FOR THE YEAR 1981

TYPE OF GAUGE - RECORDING
LOCATION - LAT 61 44 50 N
LONG 121 13 25 W
DRAINAGE AREA, 277 000 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	1 500 000	JUL	9 940 000
FEB	1 070 000	AUG	5 480 000
MAR	1 140 000	SEP	6 190 000
APR	1 080 000	OCT	4 260 000
MAY	15 600 000	NOV	2 340 000
JUN	18 200 000	DEC	1 800 000

TOTAL DISCHARGE, 68 600 000 dam³

LITTLE BUFFALO RIVER NEAR PINE POINT HIGHWAY - STATION NO. 07PB002

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1981

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	---	---	8.20B	1.03	0.168	---	---	---	---	---	1
2	---	---	---	---	8.50B	0.920	0.132	---	---	---	---	---	2
3	---	---	---	---	7.00B	0.859	0.113	---	---	---	---	---	3
4	---	---	---	---	5.68B	0.806	0.107	---	---	---	---	---	4
5	---	---	---	---	5.29B	0.748	0.097	---	---	---	---	---	5
6	---	---	---	---	4.90B	0.686	0.062	---	---	---	---	---	6
7	---	---	---	---	4.51B	0.628	0.050A	---	---	---	---	---	7
8	---	---	---	---	4.14B	0.583	---	---	---	---	---	---	8
9	---	---	---	---	3.24	0.529	---	---	---	---	---	---	9
10	---	---	---	---	2.82	0.438	---	---	---	---	---	---	10
11	---	---	---	---	2.86	0.387	---	---	---	---	---	---	11
12	---	---	---	---	3.14	0.277	---	---	---	---	---	---	12
13	---	---	---	---	3.43	0.213	---	---	---	---	---	---	13
14	---	---	---	---	3.43	0.184	---	---	---	---	---	---	14
15	---	---	---	---	3.00	0.144	---	---	---	---	---	---	15
16	---	---	---	---	2.74	0.090	---	---	---	---	---	---	16
17	---	---	---	---	2.63	0.055	---	---	---	---	---	---	17
18	---	---	---	---	2.50	0.069	---	---	---	---	---	---	18
19	---	---	---	---	2.48	0.102	---	---	---	---	---	---	19
20	---	---	---	---	2.49	0.108	---	---	---	---	---	---	20
21	---	---	---	---	2.41	0.074	---	---	---	---	---	---	21
22	---	---	---	---	2.34	0.046	---	---	---	---	---	---	22
23	---	---	---	---	2.22	0.037	---	---	---	---	---	---	23
24	---	---	---	---	2.12	0.021	---	---	---	---	---	---	24
25	---	---	---	---	2.02	0.013	---	---	---	---	---	---	25
26	---	---	---	---	1.80	0.024	---	---	---	---	---	---	26
27	---	---	---	1.10B	1.68	0.040	---	---	---	---	---	---	27
28	---	---	---	3.30B	1.52	0.084	---	---	---	---	---	---	28
29	---		---	5.50B	1.38	0.070	---	---	---	---	---	---	29
30	---		---	7.76B	1.26	0.172	---	---	---	---	---	---	30
31	---		---		1.15		---	---		---		---	31
TOTAL	---	---	---	---	102.88	9.397	---	---	---	---	---	---	TOTAL
MEAN	---	---	---	---	3.32	0.313	---	---	---	---	---	---	MEAN
MAX	---	---	---	---	8.50	1.03	---	---	---	---	---	---	MAX
MIN	---	---	---	---	1.15	0.013	---	---	---	---	---	---	MIN

SUMMARY FOR THE MONTHS MAY TO OCT

TYPE OF GAUGE - RECORDING
LOCATION - LAT 60 02 54 N
LONG 112 41 59 W
DRAINAGE AREA, 3 600 km²
A - MANUAL GAUGE
B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	---	JUL	---
FEB	---	AUG	---
MAR	---	SEP	---
APR	---	OCT	---
MAY	8 890	NOV	---
JUN	812	DEC	---

LOCKHART RIVER AT OUTLET OF ARTILLERY LAKE - STATION NO. 07RD001

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1981

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	56.4E	53.3	49.1	47.5	43.1	62.8	77.8	101	108	104	92.4	90.2	1
2	56.4E	53.2	49.1	47.4	44.6	63.8	78.4	102	108	104	92.8	89.9	2
3	56.4E	53.0	49.1	47.3	45.6	65.4	78.9	103	106	103	93.1	89.1	3
4	56.3E	52.8	49.1	46.7	44.1	67.2	79.1	103	105	100	94.4	88.5	4
5	56.3E	52.9	49.1	46.2	44.0	68.3	79.6	104	106	103	93.0	88.7	5
6	56.3E	52.8	48.9	46.2	44.2	68.6	80.5	105	106	104	89.4	89.6	6
7	56.3E	52.6	48.8	46.3	43.6	68.9	81.5	105	107	105	88.8	88.9	7
8	56.2E	52.3	48.7	46.3	43.1	69.1	84.4	105	108	105	90.3	88.5	8
9	56.2	51.8	48.2	46.1	43.0	69.1	86.6	105	108	105	91.1	87.9	9
10	56.1	51.1	47.7	45.9	43.6	69.2	87.5	104	114	104	91.2	87.4	10
11	56.0	50.7	47.4	45.3	44.6	69.4	88.3	106	110	104	91.7	88.2	11
12	56.0	50.5	47.3	44.8	45.7	69.7	89.1	106	111	102	92.5	87.9	12
13	56.0	50.7	47.4	44.6	45.0	70.2	90.0	106	110	101	91.2	87.1	13
14	55.9	50.8	47.4	44.5	44.1	70.8	90.9	104	109	101	89.8	86.9	14
15	55.5	50.7	47.9	44.2	43.8	71.5	91.9	103	108	102	90.8	86.9	15
16	54.8	50.6	48.7	44.0	43.9	71.7	93.3	105	107	102	90.6	86.6	16
17	55.0	50.7	48.4	44.1	45.1	72.1	94.8	106	107	99.6	90.4	86.1	17
18	55.8	50.9	48.0	44.2	45.3	72.5	96.1	107	108	97.2	90.0	85.9	18
19	55.4	51.0	48.6	44.3	46.0	73.0	96.0	106	109	100	89.4	85.8	19
20	54.5	51.0	48.4	44.5	46.7	73.8	96.1	106	107	96.3	89.2	86.6	20
21	54.0	50.9	48.1	44.7	47.7	74.3	96.5	106	108	95.5	90.1	86.3	21
22	55.2	50.8	47.8	44.6	48.9	74.8	98.3	108	105	94.3	90.7	85.3	22
23	55.4	50.7	47.6	44.2	50.3	75.1	98.9	107	105	95.3	90.4	84.3	23
24	54.7	50.3	47.4	44.2	52.0	75.6	98.5	107	106	95.8	89.9	84.1	24
25	54.2	49.9	47.6	44.2	53.8	75.6	98.0	108	107	95.0	89.3	83.8	25
26	54.0	49.5	47.7	44.1	55.3	76.3	98.0	107	106	94.9	89.1	83.4	26
27	54.1	49.3	47.8	43.7	56.6	77.0	99.5	108	106	93.6	88.9	83.1	27
28	54.2	49.1	47.8	43.3	58.0	76.9	102	116	104	94.7	88.9	83.1	28
29	54.1		47.8	43.2	59.3	77.0	101	111	104	93.4	89.9	83.0	29
30	53.9		47.7	43.0	60.6	77.3	100	109	103	92.2	90.1	82.9	30
31	53.6		47.6		61.8		100	108		92.3		82.8	31
TOTAL	1 715.2	1 433.9	1 492.2	1 349.6	1 493.4	2 147.0	2 831.5	3 287	3 216	3 079.1	2 719.4	2 678.8	TOTAL
MEAN	55.3	51.2	48.1	45.0	48.2	71.6	91.3	106	107	99.3	90.6	86.4	MEAN
MAX	56.4	53.3	49.1	47.5	61.8	77.3	102	116	114	105	94.4	90.2	MAX
MIN	53.6	49.1	47.3	43.0	43.0	62.8	77.8	101	103	92.2	88.8	82.8	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 75.2
MAXIMUM DAILY, 116 ON AUG 28
MINIMUM DAILY, 43.0 ON APR 30

SUMMARY FOR THE YEAR 1981

TYPE OF GAUGE - RECORDING
LOCATION - LAT 62 53 20 N
LONG 108 28 20 W
DRAINAGE AREA, 26 700 km²

E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	148 000	JUL	245 000
FEB	124 000	AUG	284 000
MAR	129 000	SEP	278 000
APR	117 000	OCT	266 000
MAY	129 000	NOV	235 000
JUN	186 000	DEC	231 000

TOTAL DISCHARGE, 2 370 000 dam³

LORILLARD RIVER ABOVE DALY BAY - STATION NO. 060A001

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1981

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	0B	0B	0B	0 B	716	72.9	66.2	87.7	---	---	1
2	---	---	0B	0B	0B	0 B	656	71.7	67.1	83.5	---	---	2
3	---	---	0B	0B	0B	0 B	603	69.9	67.7	80.3	---	---	3
4	---	---	0B	0B	0B	0 B	536	67.7	68.7	78.7	---	---	4
5	---	---	0B	0B	0B	0 B	482	68.2	69.1	76.9	---	---	5
6	---	---	0B	0B	0B	0 B	428	66.5	70.0	76.1	---	---	6
7	---	---	0B	0B	0B	0 B	394	65.4	71.0	74.4	---	---	7
8	---	---	0B	0B	0B	0 B	357	63.8	72.3	72.3	---	---	8
9	---	---	0B	0B	0B	0 B	324	62.7	75.7	70.9	---	---	9
10	---	---	0B	0B	0B	0 B	298	62.1	77.7	69.7A	---	---	10
11	---	---	0B	0B	0B	0 B	260	59.8	79.2	69.0E	---	---	11
12	---	---	0B	0B	0B	0.472B	227	58.6	80.4	67.8E	---	---	12
13	---	---	0B	0B	0B	1.32 B	192	58.0	81.2	66.5E	---	---	13
14	---	---	0B	0B	0B	2.73 B	168	56.3	81.1	65.5E	---	---	14
15	---	---	0B	0B	0B	4.62 B	153	56.0	79.9	64.5E	---	---	15
16	---	---	0B	0B	0B	7.44 B	139	54.7	78.5	64.0E	---	---	16
17	---	---	0B	0B	0B	11.7 B	128	54.4	78.0	62.8E	---	---	17
18	---	---	0B	0B	0B	16.4 B	118	53.0	76.9	60.0B	---	---	18
19	---	---	0B	0B	0B	28.2 B	111	52.8	76.2	58.0B	---	---	19
20	---	---	0B	0B	0B	58.9 B	105	52.9	76.0	55.0B	---	---	20
21	---	---	0B	0B	0B	104 B	100	54.1	77.1	52.5B	---	---	21
22	---	---	0B	0B	0B	246 B	96.6	54.8	80.3	49.0B	---	---	22
23	---	---	0B	0B	0B	544 B	93.4	56.4	86.0	46.5B	---	---	23
24	---	---	0B	0B	0B	939	90.2	57.2	92.6	43.0B	---	---	24
25	---	---	0B	0B	0B	948	87.4	58.7	97.5	39.5B	---	---	25
26	---	---	0B	0B	0B	946	85.8	60.3	99.8	36.5B	---	---	26
27	---	---	0B	0B	0B	910	83.9	61.4	101	33.5B	---	---	27
28	---	---	0B	0B	0B	855	81.9	62.5	103	30.5B	---	---	28
29	---		0B	0B	0B	804	79.7	63.6	101	28.0B	---	---	29
30	---		0B	0B	0B	772	77.5	64.7	94.6	25.4B	---	---	30
31	---		0B		0B		75.1	65.5		23.3B		---	31
TOTAL	---	---	0	0	0	7 199.782	7 346.5	1 886.6	2 425.8	1 811.3	---	---	TOTAL
MEAN	---	---	0	0	0	240	237	60.9	80.9	58.4	---	---	MEAN
MAX	---	---	0	0	0	948	716	72.9	103	87.7	---	---	MAX
MIN	---	---	0	0	0	0	75.1	52.8	66.2	23.3	---	---	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 84.4
MAXIMUM DAILY, 948 ON JUN 25
MINIMUM DAILY, 0B ON MAR 1
MAXIMUM INSTANTANEOUS,
958 AT 15:00 CST ON JUN 25

SUMMARY FOR THE MONTHS MAR TO OCT

TYPE OF GAUGE - RECORDING
LOCATION - LAT 64 15 20 N
LONG 90 26 20 W
DRAINAGE AREA, 11 500 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	635 000
FEB	---	AUG	163 000
MAR	0	SEP	210 000
APR	0	OCT	156 000
MAY	0	NOV	---
JUN	622 000	DEC	---

TOTAL DISCHARGE, 1 790 000 dam³

NORTHWEST TERRITORIES

MAC CREEK NEAR THE MOUTH - STATION NO. 10EB002

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1981

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	0.400B	0.170B	0.155B	0.147B	0.137B	19.6	7.38	3.82	2.86	2.45	1.47 B	0.774B	1
2	0.390B	0.170B	0.155B	0.145B	0.220B	15.4	9.55	3.50	2.52	2.26	1.66 B	0.670B	2
3	0.380B	0.160B	0.155B	0.145B	0.160B	12.7	9.85	3.28	2.32	2.09	1.80 B	0.650B	3
4	0.370B	0.160B	0.155B	0.145B	0.307B	10.3	8.23	3.26	2.31	2.04	1.90 B	0.620B	4
5	0.360B	0.160B	0.155B	0.145B	0.287B	11.9	7.75	3.63	2.53	1.84	1.80 B	0.600B	5
6	0.350B	0.160B	0.150B	0.145B	0.323B	9.93	7.61	4.06	2.48	2.31	1.70 B	0.580B	6
7	0.340B	0.160B	0.150B	0.145B	0.495B	9.52	7.27	3.61	3.38	2.12	1.60 B	0.560B	7
8	0.330B	0.160B	0.150B	0.145B	0.898B	11.2	7.63	3.17	5.61	2.03	1.55 B	0.540B	8
9	0.320B	0.160B	0.150B	0.145B	1.44 B	11.4	6.82	2.97	4.99	1.94	1.66 B	0.530B	9
10	0.310B	0.160B	0.150B	0.145B	2.36 B	10.3	7.06	2.83	6.94	1.92	1.69 B	0.520B	10
11	0.300B	0.160B	0.150B	0.145B	4.30 B	9.68	9.31	2.67	7.42	1.88	1.55 B	0.510B	11
12	0.290B	0.160B	0.150B	0.145B	5.00 B	9.43	11.1	3.19	7.53	1.85	1.61 B	0.500B	12
13	0.280B	0.160B	0.150B	0.145B	6.00 B	10.4	8.29	2.73	5.96	1.83	1.57 B	0.490B	13
14	0.278B	0.160B	0.150B	0.145B	5.20 B	11.6	6.58	2.52	4.97	2.46	1.22 B	0.480B	14
15	0.265B	0.160B	0.150B	0.145B	4.56	11.3	7.09	2.68	4.60	4.78	1.18 B	0.470B	15
16	0.260B	0.160B	0.150B	0.140B	5.17	9.58	7.38	2.38	4.78	3.77	1.25 B	0.470B	16
17	0.250B	0.160B	0.150B	0.140B	6.25	7.47	7.56	2.27	4.38	3.11	1.21 B	0.460B	17
18	0.245B	0.160B	0.150B	0.140B	7.72	7.00	7.59	2.18	4.07	2.94	1.17 B	0.460B	18
19	0.240B	0.160B	0.150B	0.140B	10.1	9.70	6.96	2.05	4.20	2.72	1.16 B	0.450B	19
20	0.230B	0.160B	0.150B	0.140B	12.1	9.99	5.96	2.28	3.69	2.44	1.14 B	0.440B	20
21	0.225B	0.160B	0.150B	0.140B	12.5	8.73	5.88	2.26	3.40	2.13B	1.10 B	0.440B	21
22	0.220B	0.160B	0.150B	0.140B	14.3	10.4	6.11	2.30	3.08	2.10B	1.08 B	0.430B	22
23	0.215B	0.160B	0.150B	0.140B	13.9	11.3	5.81	2.15	3.01	2.00B	1.04 B	0.430B	23
24	0.210B	0.160B	0.150B	0.140B	13.3	7.81	5.63	2.03	3.05	1.90B	1.03 B	0.420B	24
25	0.210B	0.156B	0.150B	0.140B	21.3	7.32	5.16	1.94	3.07	1.84B	1.01 B	0.420B	25
26	0.200B	0.155B	0.150B	0.150B	29.1	8.14	5.90	1.88	2.98	1.65B	0.962B	0.420B	26
27	0.200B	0.155B	0.150B	0.162B	28.2	10.6	5.63	2.11	2.78	1.61B	0.947B	0.410B	27
28	0.190B	0.155B	0.150B	0.157B	27.0	11.9	5.33	2.18	2.65	1.55B	0.919B	0.410B	28
29	0.180B		0.150B	0.150B	28.2	9.12	4.56	3.52	2.57	1.45B	0.887B	0.410B	29
30	0.180B		0.150B	0.152B	27.8	7.48	4.63	3.39	2.45	1.19B	0.849B	0.400B	30
31	0.170B		0.150B		26.6		4.35	3.01		1.26B		0.400B	31
TOTAL	8.388	4.481	4.675	4.348	315.227	311.20	215.96	85.85	116.58	67.46	39.714	15.364	TOTAL
MEAN	0.271	0.160	0.151	0.145	10.2	10.4	6.97	2.77	3.89	2.18	1.32	0.496	MEAN
MAX	0.400	0.170	0.155	0.162	29.1	19.6	11.1	4.06	7.53	4.78	1.90	0.774	MAX
MIN	0.170	0.155	0.150	0.140	0.137	7.00	4.35	1.88	2.31	1.19	0.849	0.400	MIN

SUMMARY FOR THE YEAR 1981

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 3.26
MAXIMUM DAILY, 29.1 ON MAY 26
MINIMUM DAILY, 0.137B ON MAY 1
MAXIMUM INSTANTANEOUS,
37.9 AT 00:05 MST ON MAY 27

TYPE OF GAUGE - RECORDING
LOCATION - LAT 62 12 00 N
LONG 128 45 10 W
DRAINAGE AREA, 214 km²

B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	725	JUL	18 700
FEB	387	AUG	7 420
MAR	404	SEP	10 100
APR	376	OCT	5 830
MAY	27 200	NOV	3 430
JUN	26 900	DEC	1 330

TOTAL DISCHARGE, 103 000 dam³

MACKENZIE RIVER (EAST CHANNEL) AT INUVIK - STATION NO. 10LC002

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1981

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	12.0B	10.3 B	8.00B	7.95B	19.0B	621	265	205	247	161	23.6B	16.7B	1
2	12.1B	10.1 B	8.00B	7.95B	22.4B	579	267	233	212	206	23.1B	16.6B	2
3	12.1B	10.0 B	7.95B	7.98B	26.0B	543	267	311	166	190	22.5B	16.6B	3
4	12.2B	9.90B	7.95B	8.00B	31.0B	513	267	295	133	199	22.1B	16.6B	4
5	12.2B	9.80B	7.95B	8.00B	36.5B	490	272	257	117	240	21.6B	16.6B	5
6	12.3B	9.65B	7.95B	8.00B	43.6B	475	282	229	103	204	21.3B	16.5B	6
7	12.3B	9.60B	7.95B	8.02B	52.7B	468	281	219	86.7	184	20.8B	16.5B	7
8	12.4B	9.45B	7.95B	8.05B	64.0B	457	281	205	88.2	163	20.5B	16.4B	8
9	12.5B	9.36B	7.95B	8.10B	79.0B	443	277	196	92.8	145	20.2B	16.4B	9
10	12.5B	9.25B	7.95B	8.15B	96.0B	428	269	208	93.0	131	20.0B	16.3B	10
11	12.4B	9.15B	7.95B	8.20B	120 B	406	262	191	95.7	114	19.7B	16.3B	11
12	12.4B	9.05B	7.95B	8.25B	145 B	385	254	174	96.1	101	19.4B	16.3B	12
13	12.3B	9.00B	7.95B	8.30B	172 B	362	248	158	92.2	93.5	19.1B	16.3B	13
14	12.2B	8.90B	7.95B	8.40B	203 B	343	236	152	92.1	89.4	18.8B	16.3B	14
15	12.1B	8.80B	7.95B	8.50B	237 B	324	233	149	89.1	88.2	18.6B	16.2B	15
16	12.0B	8.70B	7.95B	8.60B	278 B	310	224	150	118	86.5	18.4B	16.2B	16
17	11.9B	8.60B	7.95B	8.70B	322 B	300	213	194	149	78.4B	18.3B	16.2B	17
18	11.8B	8.55B	7.95B	8.85B	375 B	288	199	166	125	60.0B	18.1B	16.2B	18
19	11.7B	8.47B	7.95B	9.00B	435 B	276	189	156	140	50.0B	18.0B	16.2B	19
20	11.6B	8.40B	7.95B	9.25B	502 B	263	202	152	178	43.6B	17.9B	16.2B	20
21	11.6B	8.36B	7.95B	9.50B	575 B	252	202	149	144	39.6B	17.7B	16.2B	21
22	11.5B	8.34B	7.95B	9.80B	655 B	242	196	164	120	36.4B	17.6B	16.2B	22
23	11.4B	8.26B	7.95B	10.1 B	760 B	230	193	160	105	33.8B	17.5B	16.2B	23
24	11.2B	8.19B	7.95B	10.5 B	890 B	215	193	138	99.7	31.8B	17.3B	16.3B	24
25	11.1B	8.15B	7.95B	11.0 B	880 B	203	194	127	101	30.0B	17.2B	16.3B	25
26	11.0B	8.12B	7.95B	11.6 B	835 B	201	199	124	95.5	28.4B	17.1B	16.3B	26
27	10.8B	8.05B	7.95B	12.3 B	805 B	214	203	120	95.1	27.4B	17.0B	16.3B	27
28	10.7B	8.00B	7.95B	13.2 B	770 B	230	194	122	119	26.5B	17.0B	16.3B	28
29	10.6B		7.95B	14.8 B	740 B	242	198	130	167	25.6B	16.9B	16.3B	29
30	10.5B		7.95B	16.6 B	720	256	207	131	160	24.8B	16.8B	16.4B	30
31	10.4B		7.95B		669		205	198		24.2B		16.4B	31
TOTAL	363.8	250.50	246.55	285.65	11 558.2	10 559	7 172	5 563	3 720.2	2 956.1	574.1	506.8	TOTAL
MEAN	11.7	8.95	7.95	9.52	373	352	231	179	124	95.4	19.1	16.3	MEAN
MAX	12.5	10.3	8.00	16.6	890	621	282	311	247	240	23.6	16.7	MAX
MIN	10.4	8.00	7.95	7.95	19.0	201	189	120	86.7	24.2	16.8	16.2	MIN

SUMMARY FOR THE YEAR 1981

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 120
MAXIMUM DAILY, 890B ON MAY 24
MINIMUM DAILY, 7.95B ON MAR 3

TYPE OF GAUGE - RECORDING
LOCATION - LAT 68 20 37 N
LONG 133 44 40 W

B - ICE CONDITIONS

REGULATED SINCE 1968

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	31 400	JUL	620 000
FEB	21 600	AUG	481 000
MAR	21 300	SEP	321 000
APR	24 700	OCT	255 000
MAY	999 000	NOV	49 600
JUN	912 000	DEC	43 800

TOTAL DISCHARGE, 3 780 000 dam³

MACKENZIE RIVER ABOVE ARCTIC RED RIVER - STATION NO. 10LA003

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1981

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	2 640B	2 990B	2 600B	2 310B	2 100B	25 100	15 800	12 100	8 290	8 120	6 680B	2 890B	1
2	2 680B	2 980B	2 600B	2 300B	2 160B	25 000	15 800	12 200	8 220	8 240	6 580B	2 830B	2
3	2 720B	2 970B	2 590B	2 300B	2 240B	25 100	15 700	12 500	7 950	8 040	6 480B	2 780B	3
4	2 750B	2 960B	2 590B	2 290B	2 350B	25 700	15 400	12 400	7 770	7 780	6 360B	2 720B	4
5	2 780B	2 950B	2 580B	2 280B	2 520B	26 700	15 100	12 100	7 730	7 840	6 260B	2 680B	5
6	2 830B	2 940B	2 570B	2 270B	2 720B	27 400	14 900	11 800	7 780	7 920	6 100B	2 620B	6
7	2 860B	2 920B	2 540B	2 260B	2 960B	27 600	14 800	11 700	7 850	8 030	6 000B	2 590B	7
8	2 880B	2 910B	2 520B	2 250B	3 260B	27 600	14 700	11 500	8 000	7 930	5 860B	2 560B	8
9	2 900B	2 900B	2 510B	2 240B	3 600B	26 900	14 500A	11 000	8 190	7 730	5 700B	2 500B	9
10	2 920B	2 880B	2 500B	2 230B	4 040B	26 100	14 300E	10 700	8 290	7 560	5 540B	2 460B	10
11	2 950B	2 860B	2 490B	2 220B	4 550B	25 100	14 100E	10 500	8 310	7 330	5 350B	2 420B	11
12	2 970B	2 840B	2 480B	2 210B	5 150B	24 400	13 800E	10 100	8 270	7 160	5 180B	2 390B	12
13	2 990B	2 820B	2 470B	2 210B	5 900B	23 900	13 600E	9 830	8 180	7 050	5 050B	2 360B	13
14	3 000B	2 810B	2 460B	2 200B	7 000B	23 400	13 400E	9 610	8 110	7 000	4 850B	2 340B	14
15	3 010B	2 800B	2 450B	2 190B	8 500B	23 100	13 200E	9 440	8 070	7 020	4 700B	2 320B	15
16	3 020B	2 780B	2 440B	2 180B	11 000B	22 600	13 000A	9 300	8 040	7 100	4 560B	2 300B	16
17	3 030B	2 760B	2 430B	2 170B	16 000B	21 900	12 800	9 260	8 170	7 130	4 420B	2 280B	17
18	3 040B	2 750B	2 420B	2 160B	21 800B	21 100	12 500	9 130	8 310	7 210	4 260B	2 260B	18
19	3 050B	2 740B	2 410B	2 150B	25 200B	20 300	12 200	9 010	8 260	7 190	4 120B	2 250B	19
20	3 050B	2 720B	2 400B	2 140B	26 600B	19 400	12 200	8 990	8 430	7 120	4 000B	2 230B	20
21	3 050B	2 710B	2 390B	2 130B	27 400B	18 800A	12 200	8 980	8 440	7 010	3 850B	2 220B	21
22	3 050B	2 700B	2 380B	2 120B	28 000B	17 700E	12 300	8 770	8 300	6 900	3 720B	2 200B	22
23	3 040B	2 680B	2 370B	2 110B	28 200B	16 600E	12 300	8 690	8 160	6 870	3 600B	2 190B	23
24	3 040B	2 670B	2 360B	2 100B	28 300B	15 400E	12 400	8 500	8 110	6 690	3 500B	2 180B	24
25	3 030B	2 660B	2 350B	2 090B	28 200E	13 800A	12 400	8 350	8 130	6 510	3 400B	2 170B	25
26	3 020B	2 640B	2 350B	2 070B	28 000E	14 300	12 400	8 290	8 070	6 810B	3 320B	2 160B	26
27	3 010B	2 620B	2 340B	2 060B	27 800A	15 300	12 500	8 210	7 970	6 820B	3 220B	2 150B	27
28	3 010B	2 610B	2 340B	2 040B	26 500	15 800	12 500	8 100	7 980	6 840B	3 120B	2 150B	28
29	3 000B		2 330B	2 050B	25 500	15 800	12 400	8 000	8 190	6 820B	3 040B	2 150B	29
30	3 000B		2 330B	2 070B	25 200	15 800	12 400	7 870	8 070	6 800B	2 960B	2 160B	30
31	3 000B		2 320B		25 200		12 200	8 000		6 750B		2 170B	31
TOTAL	91 320	78 570	75 910	65 400	457 950	647 700	417 800	304 930	243 640	225 320	141 780	73 680	TOTAL
MEAN	2 950	2 810	2 450	2 180	14 800	21 600	13 500	9 840	8 120	7 270	4 730	2 380	MEAN
MAX	3 050	2 990	2 600	2 310	28 300	27 600	15 800	12 500	8 440	8 240	6 680	2 890	MAX
MIN	2 640	2 610	2 320	2 040	2 100	13 800	12 200	7 870	7 730	6 510	2 960	2 150	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 7 740
MAXIMUM DAILY, 28 300B ON MAY 24
MINIMUM DAILY, 2 040B ON APR 28

SUMMARY FOR THE YEAR 1981

TYPE OF GAUGE - RECORDING
LOCATION - LAT 67 21 30 N
LONG 133 33 30 W
DRAINAGE AREA, 1 660 000 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
REGULATED SINCE 1968

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	7 890 000	JUL	36 100 000
FEB	6 790 000	AUG	26 300 000
MAR	6 560 000	SEP	21 100 000
APR	5 650 000	OCT	19 500 000
MAY	39 600 000	NOV	12 200 000
JUN	56 000 000	DEC	6 370 000

TOTAL DISCHARGE, 244 000 000 dam³

MACKENZIE RIVER AT FORT GOOD HOPE - STATION NO. 10LD001

DAILY WATER LEVEL IN METRES FOR 1981

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	---	---	---	4.794	3.723	2.696	0.423	0.518	---	---	1
2	---	---	---	---	---	5.030	3.632	2.597	0.444	0.408	---	---	2
3	---	---	---	---	---	5.337	3.563	2.450	0.537	0.439	---	---	3
4	---	---	---	---	---	5.603	3.491	2.396	0.604	0.592	---	---	4
5	---	---	---	---	---	5.606	3.483	2.373	0.692	0.644	---	---	5
6	---	---	---	---	---	5.475	3.481	2.220	0.845	0.578	---	---	6
7	---	---	---	---	---	5.291	3.418	2.065	---	0.515	---	---	7
8	---	---	---	---	---	5.130	3.255	1.944	---	0.443	---	---	8
9	---	---	---	---	---	4.978	3.100	1.827	---	0.366	---	---	9
10	---	---	---	---	---	4.804	3.016	1.670	---	0.278	---	---	10
11	---	---	---	---	---	4.693	2.922	1.559	---	0.244	---	---	11
12	---	---	---	---	---	4.666	2.872	1.446	0.805	0.249	---	---	12
13	---	---	---	---	---	4.647	2.896	1.362	0.816	0.269	---	---	13
14	---	---	---	---	---	4.544	2.884	1.299	0.830	0.349	---	---	14
15	---	---	---	---	---	4.356	2.786	1.237	0.868	0.420	---	---	15
16	---	---	---	---	---	4.118	2.681	1.180	0.869	0.450	---	---	16
17	---	---	---	---	---	3.873	2.566	1.084	0.897	0.434	---	---	17
18	---	---	---	---	---	3.636	2.484	1.048	0.957	0.371	---	---	18
19	---	---	---	---	---	3.444	2.481	0.991	0.985	0.277	---	---	19
20	---	---	---	---	---	3.305	2.489	0.941	0.923	0.202	---	---	20
21	---	---	---	---	---	3.216	2.546	0.915	0.944	0.149	---	---	21
22	---	---	---	---	---	3.181	2.517	0.868	0.945	0.129	---	---	22
23	---	---	---	---	---	3.227	2.583	0.792	0.897	0.101	---	---	23
24	---	---	---	---	---	3.552	2.654	0.736	0.817	0.136	---	---	24
25	---	---	---	---	---	4.015	2.729	0.692	0.733	---	---	---	25
26	---	---	---	---	---	4.155	2.774	0.638	0.689	---	---	---	26
27	---	---	---	---	4.391	4.156	2.748	0.593	0.665	---	---	---	27
28	---	---	---	---	4.509	4.089	2.672	0.533	0.625	---	---	---	28
29	---		---	---	4.678	3.973	2.611	0.499	0.562	---	---	---	29
30	---		---	---	4.758	3.834	2.507	0.440	0.500	---	---	---	30
31	---		---		4.755		2.566	0.427		---		---	31
MEAN	---	---	---	---	---	4.358	2.907	1.339	---	---	---	---	MEAN
MAX	---	---	---	---	---	5.606	3.723	2.696	---	---	---	---	MAX
MIN	---	---	---	---	---	3.181	2.481	0.427	---	---	---	---	MIN

SUMMARY FOR THE YEAR 1981

TYPE OF GAUGE - RECORDING
LOCATION - LAT 66 15 15 N
LONG 128 38 00 W

REGULATED SINCE 1968

WATER LEVELS ARE REFERRED TO GEODETIC SURVEY OF CANADA DATUM

MACKENZIE RIVER AT FORT SIMPSON - STATION NO. 10GC001

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1981

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	2 400B	2 050B	1 920B	1 880B	2 100B	16 600	10 900	7 660	6 760	6 180	5 080	2 100B	1
2	2 400B	2 050B	1 920B	1 880B	2 400B	16 300	10 800	7 550	7 060	6 110	5 190	2 200B	2
3	2 350B	2 050B	1 920B	1 880B	2 800B	16 000	10 600	7 450	7 120	6 030	5 270	2 250B	3
4	2 350B	2 050B	1 920B	1 880B	3 200B	15 800	10 400	7 320	7 020	5 960	5 200	2 350B	4
5	2 350B	2 020B	1 910B	1 880B	4 200B	15 500	10 200	7 200	6 860	5 900	5 030B	2 400B	5
6	2 350B	2 020B	1 910B	1 880B	5 800B	15 000	9 970	7 120	6 740	5 830	4 980B	2 450B	6
7	2 340B	2 020B	1 910B	1 850B	7 400B	14 600	9 640	7 040	6 680	5 780	4 950B	2 450B	7
8	2 300B	2 020B	1 910B	1 850B	10 400B	14 300	9 450E	6 990	6 620	5 860	4 900B	2 450B	8
9	2 300B	2 010B	1 910B	1 850B	14 000B	14 700	9 300E	6 960	6 570	5 990	4 800B	2 450B	9
10	2 300B	2 010B	1 910B	1 850B	13 500B	14 700	9 100E	6 900	6 540	6 170	4 700B	2 450B	10
11	2 300B	2 010B	1 900B	1 850B	13 000B	14 000	8 900E	6 820	6 500	6 250	4 600B	2 450B	11
12	2 250B	2 010B	1 900B	1 850B	13 200B	13 400	8 800E	6 790	6 610	6 210	4 500B	2 450B	12
13	2 250B	2 000B	1 900B	1 850B	13 600B	12 800	8 630A	6 720	6 720	6 100	4 350B	2 450B	13
14	2 250B	2 000B	1 900B	1 850B	14 200B	12 300	8 540	6 700	6 760	5 990	4 200B	2 450B	14
15	2 250B	2 000B	1 900B	1 850B	13 200B	12 000	8 530	6 660	6 770	5 880	4 050B	2 430B	15
16	2 250B	2 000B	1 900B	1 850B	12 500E	11 900	8 570A	6 620	6 820	5 830	3 950B	2 400B	16
17	2 200B	2 000B	1 900B	1 850B	12 000E	11 800	8 650E	6 560	6 790	5 810	3 800B	2 400B	17
18	2 200B	2 000B	1 900B	1 850P	12 200E	12 000	8 750E	6 480	6 730	5 820	3 700B	2 400B	18
19	2 200B	1 980B	1 900B	1 850B	12 300E	12 100	8 800E	6 430	6 640	5 890	3 500B	2 400B	19
20	2 200B	1 980B	1 900B	1 850B	12 500E	12 100	8 800E	6 380	6 530	5 980	3 300B	2 400B	20
21	2 200B	1 980B	1 900B	1 830B	12 600E	12 000	8 750E	6 340	6 520	6 060	3 000B	2 350B	21
22	2 150B	1 950B	1 900B	1 830B	12 800E	12 000	8 680A	6 330	6 500	6 040	2 800B	2 350B	22
23	2 150B	1 950B	1 900B	1 830B	13 400E	11 900	8 600	6 260	6 440	5 950	2 600B	2 350B	23
24	2 150B	1 950B	1 880B	1 830B	13 800E	11 800A	8 510A	6 210	6 380	5 790	2 400B	2 350B	24
25	2 150B	1 950B	1 880B	1 830B	14 200A	11 600E	8 490E	6 170	6 310	5 590	2 250B	2 350B	25
26	2 150B	1 950B	1 880B	1 850B	14 100	11 500E	8 470E	6 130	6 260	5 470	2 150B	2 350B	26
27	2 100B	1 950B	1 880B	1 860B	14 100	11 300A	8 450A	6 140	6 230	5 600	2 000B	2 350B	27
28	2 100B	1 920B	1 880B	1 880B	14 300	11 200	8 200	6 170	6 200	5 440	2 000B	2 300B	28
29	2 100B		1 880B	1 900B	14 700	11 200	7 990	6 200	6 210	4 900	2 000B	2 300B	29
30	2 100B		1 880B	1 950B	15 700	11 100	7 870	6 390	6 180	4 820	2 050B	2 300B	30
31	2 100B		1 880B		16 500		7 780	6 490		5 060		2 300B	31
TOTAL	69 240	55 880	58 880	55 770	350 700	393 500	279 120	207 180	198 070	180 290	113 300	73 430	TOTAL
MEAN	2 230	2 000	1 900	1 860	11 300	13 100	9 000	6 680	6 600	5 820	3 780	2 370	MEAN
MAX	2 400	2 050	1 920	1 950	16 500	16 600	10 900	7 660	7 120	6 250	5 270	2 450	MAX
MIN	2 100	1 920	1 880	1 830	2 100	11 100	7 780	6 130	6 180	4 820	2 000	2 100	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 5 580
MAXIMUM DAILY, 16 600 ON JUN 1
MINIMUM DAILY, 1 830B ON APR 21
MAXIMUM INSTANTANEOUS,
16 700 AT 03:16 MST ON JUN 1

SUMMARY FOR THE YEAR 1981

TYPE OF GAUGE - RECORDING
LOCATION - LAT 61 52 07 N
LONG 121 21 25 W
DRAINAGE AREA, 1 270 000 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
REGULATED SINCE 1968

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	5 980 000	JUL	24 100 000
FEB	4 830 000	AUG	17 900 000
MAR	5 090 000	SEP	17 100 000
APR	4 820 000	OCT	15 600 000
MAY	30 300 000	NOV	9 790 000
JUN	34 000 000	DEC	6 340 000

TOTAL DISCHARGE, 176 000 000 dam³

MACKENZIE RIVER AT NORMAN WELLS - STATION NO. 10KA001

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1981

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	---	---	---	18 600	14 100	11 300	7 750	7 800	8 250	6 980B	1
2	---	---	---	---	---	19 800	13 900	11 200	7 910	8 140	8 200B	6 920B	2
3	---	---	---	---	---	20 700	13 700	11 000	8 050	8 250	8 190B	6 860B	3
4	---	---	---	---	---	20 400	13 600E	10 700	8 200	8 010	8 180B	6 800B	4
5	---	---	---	---	---	19 800	13 500E	10 400	8 520	7 980	8 110B	6 670B	5
6	---	---	---	---	---	19 100	13 500	10 200	8 720	7 790	8 090B	6 640B	6
7	---	---	---	---	---	18 600	13 100	10 100	8 680	7 680	8 050B	6 600B	7
8	---	---	---	---	---	18 200	12 800	9 950	8 530	7 450	8 030B	6 560B	8
9	---	---	---	---	---	17 700	12 700	9 760	8 470	7 450	8 010B	6 490B	9
10	---	---	---	---	---	17 400	12 600	9 570	8 310	7 440	8 000B	6 430B	10
11	---	---	---	---	---	17 500	12 500	9 390	8 290	7 510	7 970B	6 390B	11
12	---	---	---	---	---	17 500	12 500	9 300	8 340	7 600	7 930B	6 310B	12
13	---	---	---	---	---	17 200	12 200	9 210	8 340	7 760	7 900B	6 270B	13
14	---	---	---	---	---	16 500	12 000	9 200E	8 350	7 890	7 850B	6 200B	14
15	---	---	---	---	---	15 900	11 900	9 000E	8 290	7 890	7 800B	6 110B	15
16	---	---	---	---	---	15 300	11 700	8 800E	8 430	7 810	7 750B	6 050B	16
17	---	---	---	---	---	14 800	11 500	8 600E	8 520	7 730	7 700B	6 000B	17
18	---	---	---	---	---	14 400	11 400	8 360	8 450	7 520	7 650B	5 980B	18
19	---	---	---	---	---	14 100	11 400	8 290	8 500	7 470	7 600B	5 900B	19
20	---	---	---	---	---	13 900	11 600	8 250	8 560	7 370	7 570B	5 820B	20
21	---	---	---	---	---	14 000	11 600	8 170	8 590	7 690	7 510B	5 770B	21
22	---	---	---	---	---	14 100	11 600	8 090	8 490	7 770	7 470B	5 690B	22
23	---	---	---	---	---	14 200	11 800	8 020	8 420	7 860	7 400B	5 620B	23
24	---	---	---	---	---	14 400	12 200	7 960	8 300	7 870	7 380B	5 580B	24
25	---	---	---	---	---	14 800	12 400	7 930	8 240	8 220	7 300B	5 500B	25
26	---	---	---	---	16 900	14 800	12 300	7 900	8 130	9 000	7 240B	5 460B	26
27	---	---	---	---	16 900	14 600	12 000	7 790	7 960	8 910	7 200B	5 390B	27
28	---	---	---	---	17 400	14 300	11 700	7 730	7 870	8 690	7 130B	5 320B	28
29	---		---	---	17 600	14 200	11 600	7 670	7 820	8 670	7 060B	5 270B	29
30	---		---	---	17 600	14 100	11 500	7 660	7 810	8 400	7 010B	5 210B	30
31	---		---		17 900		11 300	7 700		8 250		5 170B	31
TOTAL	---	---	---	---	---	490 900	382 200	279 200	248 840	245 870	231 530	187 960	TOTAL
MEAN	---	---	---	---	---	16 400	12 300	9 010	8 290	7 930	7 720	6 060	MEAN
MAX	---	---	---	---	---	20 700	14 100	11 300	8 720	9 000	8 250	6 980	MAX
MIN	---	---	---	---	---	13 900	11 300	7 660	7 750	7 370	7 010	5 170	MIN

SUMMARY FOR THE YEAR 1981

TYPE OF GAUGE - RECORDING
LOCATION - LAT 65 16 54 N
LONG 126 50 58 W
DRAINAGE AREA, 1 570 000 km²

B - ICE CONDITIONS
E - ESTIMATED
REGULATED SINCE 1968

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	33 000 000
FEB	---	AUG	24 100 000
MAR	---	SEP	21 500 000
APR	---	OCT	21 200 000
MAY	---	NOV	20 000 000
JUN	42 400 000	DEC	16 200 000

MACKENZIE RIVER AT SANS SAULT RAPIDS - STATION NO. 10KD001

DAILY WATER LEVEL IN METRES FOR 1981

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	---	---	---	6.402	5.369	4.753	3.393	3.421	---	---	1
2	---	---	---	---	---	6.633	5.328	4.662	3.434	3.373	---	---	2
3	---	---	---	---	---	6.848	5.278	4.583	3.491	---	---	---	3
4	---	---	---	---	---	6.906	5.238	4.608	3.526	---	---	---	4
5	---	---	---	---	---	---	5.257	4.525	3.604	---	---	---	5
6	---	---	---	---	---	---	5.234	4.409	3.725	---	---	---	6
7	---	---	---	---	---	---	5.165	4.327	3.794	---	---	---	7
8	---	---	---	---	---	---	5.060	4.261	3.759	---	---	---	8
9	---	---	---	---	---	---	4.982	4.184	3.735	---	---	---	9
10	---	---	---	---	---	---	4.932	4.100	3.682	---	---	---	10
11	---	---	---	---	---	---	4.902	4.039	3.640	---	---	---	11
12	---	---	---	---	---	6.069	4.905	3.978	3.643	---	---	---	12
13	---	---	---	---	---	6.038	4.926	3.947	3.641	---	---	---	13
14	---	---	---	---	---	5.934	4.858	3.902	3.641	---	---	---	14
15	---	---	---	---	---	5.781	4.788	3.864	3.651	---	---	---	15
16	---	---	---	---	---	5.606	4.726	3.812	3.663	---	---	---	16
17	---	---	---	---	---	5.450	4.667	3.754	3.690	---	---	---	17
18	---	---	---	---	---	5.319	4.650	3.740	3.718	---	---	---	18
19	---	---	---	---	---	5.216	4.661	3.696	3.694	---	---	---	19
20	---	---	---	---	---	5.155	4.682	3.672	3.682	---	---	---	20
21	---	---	---	---	---	5.123	4.694	3.654	3.708	---	---	---	21
22	---	---	---	---	---	5.137	4.690	3.610	3.688	---	---	---	22
23	---	---	---	---	---	5.206	4.737	3.567	3.654	---	---	---	23
24	---	---	---	---	---	5.496	4.790	3.546	3.610	---	---	---	24
25	---	---	---	---	---	5.638	4.843	3.521	3.572	---	---	---	25
26	---	---	---	---	---	5.632	4.853	3.496	3.556	---	---	---	26
27	---	---	---	---	5.946	5.620	4.797	3.469	3.537	---	---	---	27
28	---	---	---	---	6.124	5.568	4.766	3.441	3.494	---	---	---	28
29	---		---	---	6.278	5.493	4.702	3.419	3.451	---	---	---	29
30	---		---	---	6.326	5.418	4.663	3.402	3.449	---	---	---	30
31	---		---		6.307		4.781	3.392		---		---	31
MEAN	---	---	---	---	---	---	4.901	3.914	3.618	---	---	---	MEAN
MAX	---	---	---	---	---	---	5.369	4.753	3.794	---	---	---	MAX
MIN	---	---	---	---	---	---	4.650	3.392	3.393	---	---	---	MIN

SUMMARY FOR THE YEAR 1981

TYPE OF GAUGE - RECORDING
LOCATION - LAT 65 45 54 N
LONG 128 45 03 W

REGULATED SINCE 1968

WATER LEVELS ARE REFERRED TO ASSUMED DATUM NO. 2
APPLY 24.235 m ADJUSTMENT TO CONVERT TO GEODETIC SURVEY OF CANADA DATUM

MACKENZIE RIVER NEAR FORT PROVIDENCE - STATION NO. 10FB001

DAILY WATER LEVEL IN METRES FOR 1981

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	---	---	---	3.095	3.128	2.762	2.513	2.479	---	---	1
2	---	---	---	---	---	3.153	3.116	2.762	2.492	2.411	---	---	2
3	---	---	---	---	---	3.186	3.067	2.741	2.467	2.305	---	---	3
4	---	---	---	---	---	3.172	2.906	2.734	2.484	2.331	---	---	4
5	---	---	---	---	---	3.188	3.008	2.743	2.524	2.375	---	---	5
6	---	---	---	---	---	3.246	3.075	2.718	2.529	2.453	---	---	6
7	---	---	---	---	---	3.330	3.092	2.692	2.565	2.617	---	---	7
8	---	---	---	---	---	3.329	3.053	2.686	2.546	2.771	---	---	8
9	---	---	---	---	---	3.294	3.015	2.661	2.545	2.721	---	---	9
10	---	---	---	---	---	3.257	3.034	2.615	2.579	2.640	---	---	10
11	---	---	---	---	---	3.241	3.055	2.644	2.563	2.524	---	---	11
12	---	---	---	---	---	3.228	3.054	2.688	2.537	2.449	---	---	12
13	---	---	---	---	---	3.237	3.038	2.728	2.539	2.376	---	---	13
14	---	---	---	---	---	3.226	3.039	2.704	2.561	2.409	---	---	14
15	---	---	---	---	---	3.219	3.032	2.664	2.568	2.435	---	---	15
16	---	---	---	---	---	3.215	3.011	2.637	2.522	2.421	---	---	16
17	---	---	---	---	---	3.208	3.004	2.615	2.461	2.417	---	---	17
18	---	---	---	---	---	3.222	3.064	2.669	2.488	2.439	---	---	18
19	---	---	---	---	---	3.226	3.064	2.708	2.570	2.486	---	---	19
20	---	---	---	---	---	3.225	3.035	2.656	2.528	2.431	---	---	20
21	---	---	---	---	---	3.221	2.980	2.627	2.440	2.326	---	---	21
22	---	---	---	---	---	3.210	2.948	2.634	2.407	2.340	---	---	22
23	---	---	---	---	---	3.200	2.941	2.611	2.422	2.282	---	---	23
24	---	---	---	---	---	3.188	2.897	2.598	2.457	2.371	---	---	24
25	---	---	---	---	---	3.189	2.869	2.647	2.495	2.411	---	---	25
26	---	---	---	---	---	3.179	2.847	2.648	2.517	2.401A	---	---	26
27	---	---	---	---	3.112A	3.165	2.813	2.639	2.554	---	---	---	27
28	---	---	---	---	3.106	3.164	2.783	2.597	2.563	---	---	---	28
29	---		---	---	3.128	3.166	2.814	2.582	2.527	---	---	---	29
30	---		---	---	3.134	3.155	2.797	2.639	2.478	---	---	---	30
31	---		---		3.131		2.763	2.601		---		---	31
MEAN	---	---	---	---	---	3.211	2.979	2.669	2.515	---	---	---	MEAN
MAX	---	---	---	---	---	3.330	3.128	2.762	2.579	---	---	---	MAX
MIN	---	---	---	---	---	3.095	2.763	2.597	2.407	---	---	---	MIN

WATER LEVELS IN METRES

MAXIMUM DAILY, 3.330 ON JUN 7

SUMMARY FOR THE YEAR 1981

TYPE OF GAUGE - RECORDING
LOCATION - LAT 61 15 04 N
LONG 117 29 48 W

A - MANUAL GAUGE

REGULATED SINCE 1968

DRAINAGE AREA,
971 000 km²

WATER LEVELS ARE REFERRED TO GEODETIC SURVEY OF CANADA DATUM

NORTHWEST TERRITORIES

MACKENZIE RIVER NEAR WRIGLEY - STATION NO. 10HC001

DAILY WATER LEVEL IN METRES FOR 1981

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	---	---	---	---	7.722	6.440	5.375	5.345	---	---	1
2	---	---	---	---	---	---	7.664	6.427	5.499	5.441	---	---	2
3	---	---	---	---	---	---	7.579	6.371	5.675	5.487	---	---	3
4	---	---	---	---	---	---	7.513	6.311	5.839	5.420	---	---	4
5	---	---	---	---	---	---	7.398	6.237	5.867	5.350	---	---	5
6	---	---	---	---	---	---	7.300	6.130	5.796	5.293	---	---	6
7	---	---	---	---	---	---	7.273	6.041	5.686	5.238	---	---	7
8	---	---	---	---	---	---	7.262	5.972	5.625	5.217	---	---	8
9	---	---	---	---	---	---	7.259	5.883	5.579	5.220	---	---	9
10	---	---	---	---	---	---	7.244	5.812	5.557	5.247	---	---	10
11	---	---	---	---	---	---	7.176	5.770	5.551	5.329	---	---	11
12	---	---	---	---	---	---	7.073	5.743	5.573	5.426	---	---	12
13	---	---	---	---	---	---	6.948	5.722	5.578	5.447	---	---	13
14	---	---	---	---	---	---	6.874	5.681	5.633	5.412	---	---	14
15	---	---	---	---	---	---	6.847	5.625	5.683	5.341	---	---	15
16	---	---	---	---	---	---	6.824	5.585	5.701	5.266	---	---	16
17	---	---	---	---	---	---	6.794	5.523	5.708	5.215	---	---	17
18	---	---	---	---	---	8.005A	6.794	5.493	5.707	5.189	---	---	18
19	---	---	---	---	---	8.025	6.788	5.449	5.685	5.192	---	---	19
20	---	---	---	---	---	8.054	6.816	5.396	5.652	5.187	---	---	20
21	---	---	---	---	---	8.079	6.825	5.345	5.574	5.200	---	---	21
22	---	---	---	---	8.504A	8.092	6.873	5.317	5.510	5.205	---	---	22
23	---	---	---	---	---	8.110	6.937	5.300	5.481	5.214	---	---	23
24	---	---	---	---	---	8.122	7.012	5.264	5.456	5.197	---	---	24
25	---	---	---	---	---	8.073	6.949	5.215	5.423	5.174	---	---	25
26	---	---	---	---	---	7.995	6.888	5.185	5.368	5.139	---	---	26
27	---	---	---	---	---	7.941	6.815	5.168	5.311	5.121	---	---	27
28	---	---	---	---	---	7.903	6.731	5.169	5.299	---	---	---	28
29	---		---	---	---	7.837	6.673	5.193	5.285	---	---	---	29
30	---		---	---	---	7.779	6.605	5.220	5.267	---	---	---	30
31	---		---		---		6.508	5.279		---		---	31
MEAN	---	---	---	---	---	---	7.031	5.654	5.565	---	---	---	MEAN
MAX	---	---	---	---	---	---	7.722	6.440	5.867	---	---	---	MAX
MIN	---	---	---	---	---	---	6.508	5.168	5.267	---	---	---	MIN

SUMMARY FOR THE YEAR 1981

TYPE OF GAUGE - RECORDING
LOCATION - LAT 63 15 58 N
LONG 123 35 50 W

A - MANUAL GAUGE

REGULATED SINCE 1968

WATER LEVELS ARE REFERRED TO ASSUMED DATUM
APPLY 82.494 m ADJUSTMENT TO CONVERT TO GEODETIC SURVEY OF CANADA DATUM

MARCIL CREEK NEAR ARCTIC BAY - STATION NO. 10TE005

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1981

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	0B	0B	0B	0B	0B	0 B	3.49	0.490	0.211B	0B	0B	0B	1
2	0B	0B	0B	0B	0B	0.002B	2.95	0.553	0.190B	0B	0B	0B	2
3	0B	0B	0B	0B	0B	0.012B	3.04	0.514	0.230B	0B	0B	0B	3
4	0B	0B	0B	0B	0B	0.036B	2.87	0.453	0.411B	0B	0B	0B	4
5	0B	0B	0B	0B	0B	0.080B	2.83	1.60	0.439B	0B	0B	0B	5
6	0B	0B	0B	0B	0B	0.165B	2.61	3.70	0.380B	0B	0B	0B	6
7	0B	0B	0B	0B	0B	0.250B	2.38	2.17	0.330B	0B	0B	0B	7
8	0B	0B	0B	0B	0B	0.326B	2.11	4.58	0.278B	0B	0B	0B	8
9	0B	0B	0B	0B	0B	0.390B	2.02	3.67	0.220B	0B	0B	0B	9
10	0B	0B	0B	0B	0B	0.505B	2.22	2.03	0.190B	0B	0B	0B	10
11	0B	0B	0B	0B	0B	0.820E	2.39	1.38	0.155B	0B	0B	0B	11
12	0B	0B	0B	0B	0B	1.09 E	2.28	1.02	0.126B	0B	0B	0B	12
13	0B	0B	0B	0B	0B	1.42 E	1.98	0.776	0.102B	0B	0B	0B	13
14	0B	0B	0B	0B	0B	1.90 E	2.62	0.586	0.084B	0B	0B	0B	14
15	0B	0B	0B	0B	0B	2.28 E	2.85	1.61	0.068B	0B	0B	0B	15
16	0B	0B	0B	0B	0B	2.79 E	4.65	8.31	0.050B	0B	0B	0B	16
17	0B	0B	0B	0B	0B	3.32 E	7.14	4.05	0.036B	0B	0B	0B	17
18	0B	0B	0B	0B	0B	4.01 E	6.40	3.62	0.020B	0B	0B	0B	18
19	0B	0B	0B	0B	0B	4.50 E	3.22	3.65	0.009B	0B	0B	0B	19
20	0B	0B	0B	0B	0B	5.28 E	2.35	2.05	0 B	0B	0B	0B	20
21	0B	0B	0B	0B	0B	5.53 E	1.86	1.38	0 B	0B	0B	0B	21
22	0B	0B	0B	0B	0B	5.60 E	1.68	1.06	0 B	0B	0B	0B	22
23	0B	0B	0B	0B	0B	5.00	1.56	0.941	0 B	0B	0B	0B	23
24	0B	0B	0B	0B	0B	4.30	1.48	0.947	0 B	0B	0B	0B	24
25	0B	0B	0B	0B	0B	3.25	1.13	0.836	0 B	0B	0B	0B	25
26	0B	0B	0B	0B	0B	3.21	0.961	0.661	0 B	0B	0B	0B	26
27	0B	0B	0B	0B	0B	5.52	0.818	0.475	0 B	0B	0B	0B	27
28	0B	0B	0B	0B	0B	3.90	0.669	0.395B	0 B	0B	0B	0B	28
29	0B		0B	0B	0B	9.61	0.566	0.371B	0 B	0B	0B	0B	29
30	0B		0B	0B	0B	4.73	0.516	0.372B	0 B	0B	0B	0B	30
31	0B		0B		0B		0.484	0.270B		0B		0B	31
TOTAL	0	0	0	0	0	79.826	74.124	59.520	3.529	0	0	0	TOTAL
MEAN	0	0	0	0	0	2.66	2.39	1.76	0.118	0	0	0	MEAN
MAX	0	0	0	0	0	9.61	7.14	8.31	0.439	0	0	0	MAX
MIN	0	0	0	0	0	0	0.484	0.270	0	0	0	0	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.581
MAXIMUM DAILY, 9.61 ON JUN 29
MINIMUM DAILY, 0B ON JAN 1
MAXIMUM INSTANTANEOUS,
17.0 AT 10:25 MST ON JUN 29

SUMMARY FOR THE YEAR 1981

TYPE OF GAUGE - RECORDING
LOCATION - LAT 72 59 40 N
LONG 84 59 20 W

B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	0	JUL	6 400
FEB	0	AUG	4 710
MAR	0	SEP	305
APR	0	OCT	0
MAY	0	NOV	0
JUN	6 980	DEC	0

TOTAL DISCHARGE, 18 300 dam³

MARJORIE LAKE AT OUTLET - STATION NO. 06KC002

DAILY WATER LEVEL IN METRES FOR 1981

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	13.405	13.481	13.410	---	13.329E	13.313	13.791	13.850	13.725	13.719	13.683	13.760	1
2	13.419	13.467	13.393	---	13.329E	13.322	13.792	13.850	13.759	13.725	13.702	13.760	2
3	13.414	13.450	13.388	---	13.328E	13.356	13.795	13.853	13.749	13.744	13.722	13.759	3
4	13.416	13.442	13.382	---	13.328E	13.390	13.803	13.846	13.739	13.740	13.729	13.758	4
5	13.427	13.433	13.400	---	13.327E	13.424	13.806	13.830	13.744	13.737	13.732	13.754	5
6	13.425	13.446	13.413	---	13.326E	13.437	13.805	13.822	13.751	13.729	13.728	13.747	6
7	13.416	13.453	13.413	---	13.325A	13.468	13.808	13.826	13.751	13.723	13.723	13.740	7
8	13.426	13.436	13.420	---	13.332	13.511	13.853	13.805	13.755	13.723	13.731	13.740	8
9	13.427	13.423	13.411	---	13.330	13.529	13.858	13.806	13.759	13.726	13.749	13.744	9
10	13.429	13.443	13.414	---	13.329	13.530	13.848	13.785	13.762	13.725	13.757	13.743	10
11	13.426	13.436	13.402A	---	13.338	13.545	13.850A	13.755	13.760	13.724	13.777	13.741	11
12	13.403	13.420	---	---	13.332	13.586	13.875E	13.779	13.763	13.725	13.776	13.743	12
13	13.401	13.418	---	---	13.324	13.618	13.875E	13.774	13.766	13.724	13.777	13.742	13
14	13.406	13.408	---	---	13.327	13.633	13.870E	13.768	13.758	13.718	13.778	13.739	14
15	13.398	13.418	---	---	13.324	13.643	13.875E	13.755	13.755	13.722	13.782	13.733	15
16	13.406	13.410	---	---	13.316	13.660	13.897E	13.746	13.754	13.723	13.791	13.734	16
17	13.400	13.425	---	---	13.310	13.663	13.903A	13.750	13.738	13.646	13.796	13.734	17
18	13.405	13.417	---	---	13.308	13.675	13.873	13.745	13.734	13.649	13.784	13.734	18
19	13.409	13.432	---	---	13.302	13.683	13.831	13.738	13.739	13.650	13.766	13.732	19
20	13.412	13.434	---	---	13.303	13.725	13.840	13.743	13.738	13.671	13.757	13.728	20
21	13.394	13.417	---	---	13.290A	13.737	13.837	13.744	13.743	13.684	13.757	13.725	21
22	13.409	13.398	---	---	13.290A	13.755	13.827	13.735	13.742	13.700	13.759	13.724	22
23	13.416	13.400	---	---	13.297	13.749	13.822	13.720	13.745	13.760	13.761	13.725	23
24	13.414	13.414	---	---	13.300	13.747	13.825	13.708	13.725	13.768	13.761	13.725	24
25	13.408	13.407	---	---	13.293	13.768	13.830	13.695	13.723	13.769	13.762	13.738	25
26	13.412	13.393	---	---	13.284	13.783	13.843	13.690	13.719	13.766	13.758	13.757	26
27	13.420	13.390	---	---	13.293	13.789	13.837	13.680	13.721	13.755	13.760	13.763	27
28	13.420	13.399	---	---	13.289	13.785	13.822	13.663	13.718	13.710	13.764	13.759	28
29	13.407		---	---	13.293	13.788	13.829	13.681	13.718	13.660	13.763	13.755	29
30	13.403		---	---	13.299	13.792	13.843	13.720	13.721	13.651	13.761	13.753	30
31	13.441		---		13.308		13.851	13.721		13.658		13.756	31
MEAN	13.413	13.425	---	---	13.313	13.613	13.839	13.761	13.742	13.714	13.755	13.743	MEAN
MAX	13.441	13.481	---	---	13.338	13.792	13.903	13.853	13.766	13.769	13.796	13.763	MAX
MIN	13.394	13.390	---	---	13.284	13.313	13.791	13.663	13.718	13.646	13.683	13.724	MIN

SUMMARY FOR THE YEAR 1981

WATER LEVELS IN METRES

MAXIMUM DAILY, 13.903A ON JUL 17
MINIMUM DAILY, 13.284 ON MAY 26

TYPE OF GAUGE - RECORDING
LOCATION - LAT 64 13 40 N
LONG 99 28 00 W

A - MANUAL GAUGE
E - ESTIMATED
NATURAL FLOW

WATER LEVELS ARE REFERRED TO ASSUMED DATUM

MARTEN RIVER ABOVE THOA RIVER - STATION NO. 07QC004

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1981

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	1.70B	1.10 B	0.626B	0.445B	5.80	6.03	4.84	8.25	4.51	4.19	3.88	3.26B	1
2	1.68B	1.08 B	0.618B	0.440B	8.18	5.78	4.83	8.16	4.85	4.27	3.75	3.24B	2
3	1.66B	1.06 B	0.608B	0.436B	10.3	5.61	4.86	8.01	4.78	4.27	3.72	3.22B	3
4	1.64B	1.04 B	0.598B	0.429B	11.8	5.64	4.84	7.90	4.60	4.25	3.80	3.20B	4
5	1.62B	1.02 B	0.588B	0.423B	12.1	5.66	4.85	7.76	4.56	4.25	3.82	3.18B	5
6	1.60B	1.00 B	0.577B	0.417B	12.3	5.33	4.62	7.71	4.57	4.18	3.84	3.16B	6
7	1.58B	0.980B	0.570B	0.410B	11.8	5.12	4.56	7.42	4.56	4.08	3.73	3.14B	7
8	1.56B	0.960B	0.563B	0.403B	11.0	5.11	5.71	7.26	4.58	4.02	3.68	3.12B	8
9	1.54B	0.940B	0.553B	0.398B	10.6	5.03	7.43	7.10	4.55	4.02	3.67	3.11B	9
10	1.52B	0.920B	0.546B	0.394B	10.1	4.93	8.53	6.96	4.57	4.03	3.64	3.08B	10
11	1.50B	0.900B	0.542B	0.391B	9.86	4.79	9.78	6.69	4.42	4.09	3.63	3.06B	11
12	1.48B	0.880B	0.541B	0.387B	9.44	4.65	11.3	6.46	4.58	4.11	3.62	3.14B	12
13	1.46B	0.871B	0.530B	0.380B	9.25	4.60	12.4	6.62	4.67	4.15	3.61	3.13B	13
14	1.44B	0.860B	0.524B	0.373B	9.14	4.45	12.8	6.39	4.68	4.22	3.59	3.09B	14
15	1.43B	0.853B	0.520B	0.365B	8.91	4.38	13.0	6.30	4.63	4.19	3.56E	3.07B	15
16	1.41B	0.845B	0.515B	0.361B	8.63	4.24	13.0	6.25	4.65	4.22	3.54E	3.06B	16
17	1.39B	0.820B	0.510B	0.357B	8.50	4.06	12.7	6.13	4.76	4.38	3.52E	2.97B	17
18	1.37B	0.794B	0.507B	0.354B	8.38	3.96	12.4	5.93	4.66	4.30	3.50E	2.94B	18
19	1.35B	0.771B	0.495B	0.351B	8.28	3.91	12.0	5.74	4.46	4.23	3.49E	2.92B	19
20	1.33B	0.748B	0.485B	0.346B	8.24	3.85	11.6	5.72	4.43	4.23	3.47E	2.89B	20
21	1.31B	0.728B	0.482B	0.342B	8.08	3.77	11.3	5.64	4.49	4.28	3.45E	2.85B	21
22	1.29B	0.712B	0.479B	0.337B	7.84	3.77	11.0	5.50	4.56	4.20	3.43E	2.83B	22
23	1.27B	0.698B	0.475B	0.388B	7.68	3.76	10.5	5.43	4.57	4.10	3.41E	2.82B	23
24	1.25B	0.688B	0.472B	0.469B	7.53	3.66	10.2	5.27	4.40	4.06	3.39E	2.81B	24
25	1.23B	0.675B	0.468B	0.563B	7.39	3.66	9.74	5.14	4.38	4.03	3.37E	2.80B	25
26	1.21B	0.662B	0.467B	0.668B	7.19	3.82	9.38	5.06	4.33	3.99	3.35E	2.78B	26
27	1.19B	0.650B	0.464B	0.972B	6.91	4.25	9.33	4.95	4.27	3.92	3.33B	2.76B	27
28	1.18B	0.639B	0.462B	1.49 B	6.69	4.41	9.23	4.89	4.17	3.92	3.31B	2.74B	28
29	1.16B		0.458B	2.33 B	6.54	4.49	8.79	4.70	4.14	3.95	3.30B	2.73B	29
30	1.14B		0.453B	3.48	6.32	4.69	8.57	4.59	4.22	3.93	3.28B	2.71B	30
31	1.12B		0.448B		6.14		8.38	4.49		3.85		2.70B	31
TOTAL	43.61	23.894	16.144	18.899	270.92	137.41	282.47	194.42	135.60	127.91	106.68	92.51	TOTAL
MEAN	1.41	0.853	0.521	0.630	8.74	4.58	9.11	6.27	4.52	4.13	3.56	2.98	MEAN
MAX	1.70	1.10	0.626	3.48	12.3	6.03	13.0	8.25	4.85	4.38	3.88	3.26	MAX
MIN	1.12	0.639	0.448	0.337	5.80	3.66	4.56	4.49	4.14	3.85	3.28	2.70	MIN

SUMMARY FOR THE YEAR 1981

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 3.97
MAXIMUM DAILY, 13.0 ON JUL 15
MINIMUM DAILY, 0.337B ON APR 22

TYPE OF GAUGE - RECORDING
LOCATION - LAT 60 36 20 N
LONG 108 58 50 W
DRAINAGE AREA, 736 km²

B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	3 770	JUL	24 400
FEB	2 060	AUG	16 800
MAR	1 390	SEP	11 700
APR	1 630	OCT	11 100
MAY	23 400	NOV	9 220
JUN	11 900	DEC	7 990

TOTAL DISCHARGE, 125 000 dam³

NORTHWEST TERRITORIES

MARTIN RIVER NEAR THE MOUTH - STATION NO. 10GC003

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1981

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	0.020B	0.020B	0.019B	0.020B	2.17B	8.95	1.59	5.25	0.980	4.47	13.5 B	1.75 B	1
2	0.020B	0.020B	0.019B	0.020B	3.56B	8.26	1.43	4.49	1.55	8.53	12.6 B	1.74 B	2
3	0.020B	0.020B	0.019B	0.020B	4.00B	7.38	1.37	3.87	1.80	14.2	10.4 B	1.63 B	3
4	0.020B	0.020B	0.019B	0.020B	7.34B	6.76	2.54	3.39	1.83	14.1	8.50B	1.57 B	4
5	0.020B	0.020B	0.019B	0.020B	42.5 B	6.21	2.53	2.97	2.01	14.5	6.65B	1.48 B	5
6	0.020B	0.019B	0.019B	0.020B	71.9 B	5.65	2.17	2.60	2.09	13.5	5.35B	1.50 B	6
7	0.020B	0.019B	0.019B	0.020B	90.3	5.46	2.19	2.27	2.18	12.6	5.01B	1.51 B	7
8	0.020B	0.019B	0.019B	0.020B	98.4	5.14	2.29	1.87	2.60	12.4	4.40B	1.40 B	8
9	0.020B	0.019B	0.019B	0.020B	97.9	4.93	2.25	1.61	3.29	12.9	3.73B	1.38 B	9
10	0.020B	0.019B	0.019B	0.020B	95.1	4.60	2.05	1.39	4.24	13.5	3.27B	1.41 B	10
11	0.020B	0.019B	0.019B	0.020B	95.3	4.39	1.82	1.14	5.90	14.5	2.83B	1.40 B	11
12	0.020B	0.019B	0.019B	0.020B	89.3	3.92	1.63	0.986	7.46	14.2	3.17B	1.27 B	12
13	0.020B	0.019B	0.019B	0.020B	75.4	3.56	1.70	0.866	8.17	13.5	3.41B	1.23 B	13
14	0.020B	0.019B	0.019B	0.020B	59.1	3.27	2.04	0.697	10.2	12.9	3.22B	1.21 B	14
15	0.020B	0.019B	0.019B	0.020B	48.3	2.93	2.85	0.602	10.2	12.2	3.11B	1.17 B	15
16	0.020B	0.019B	0.020B	0.020B	41.7	2.72	3.24	0.500	9.31	12.2	2.91B	1.17 B	16
17	0.020B	0.019B	0.020B	0.020B	38.1	2.44	2.91	0.471	8.31	12.3	2.73B	1.20 B	17
18	0.020B	0.019B	0.020B	0.020B	36.1	2.41	2.50	0.392	7.52	12.1	2.74B	1.17 B	18
19	0.020B	0.019B	0.020B	0.020B	34.3	2.24	2.22	0.368	6.80	11.3	2.71B	1.18 B	19
20	0.020B	0.019B	0.020B	0.020B	31.3	2.02	2.50	0.350	6.14	9.20	2.65B	1.18 B	20
21	0.020B	0.019B	0.020B	0.020B	28.4	1.99	2.76	0.278	5.50	7.57B	2.70B	1.16 B	21
22	0.020B	0.019B	0.020B	0.020B	25.9	1.91	4.55	0.271	5.09	9.88B	2.57B	1.14 B	22
23	0.020B	0.019B	0.020B	0.020B	23.4	1.78	6.52	0.238	4.66	9.67B	2.53B	1.07 B	23
24	0.020B	0.019B	0.020B	0.029B	20.9	2.57	8.47	0.190	4.25	7.90B	2.36B	1.09 B	24
25	0.020B	0.019B	0.020B	0.091B	18.6	2.19	8.35	0.146	3.97	8.01B	2.25B	1.11 B	25
26	0.020B	0.019B	0.020B	0.080B	16.6	1.93	7.52	0.121	3.86	9.10B	2.17B	1.08 B	26
27	0.020B	0.019B	0.020B	0.058B	15.0	1.81	7.32	0.124	3.59	11.0 B	1.99B	1.08 B	27
28	0.020B	0.019B	0.020B	0.044B	13.5	1.88	7.48	0.258	3.54	13.0 B	1.98B	1.10 B	28
29	0.020B		0.020B	0.101B	11.7	1.89	7.53	0.400	3.52	16.0 B	1.87B	1.07 B	29
30	0.020B		0.020B	0.358B	10.7	1.79	6.77	0.418	3.28	15.0 B	1.77B	1.05 B	30
31	0.020B		0.020B		9.89		5.91	0.437		14.0 B		0.950B	31
TOTAL	0.620	0.537	0.605	1.221	1 358.66	113.00	117.00	38.963	143.840	366.23	125.08	39.450	TOTAL
MEAN	0.020	0.019	0.020	0.041	80.5	3.77	3.77	1.26	4.79	11.8	4.17	1.27	MEAN
MAX	0.020	0.020	0.020	0.358	98.4	8.95	8.47	5.25	10.2	16.0	13.5	1.75	MAX
MIN	0.020	0.019	0.019	0.020	2.17	1.78	1.37	0.121	0.980	4.47	1.77	0.950	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 6.04
MAXIMUM DAILY, 98.4 ON MAY 8
MINIMUM DAILY, 0.019B ON FEB 6
MAXIMUM INSTANTANEOUS,
119B AT 11:15 MST ON MAY 6

SUMMARY FOR THE YEAR 1981

TYPE OF GAUGE - RECORDING
LOCATION - LAT 61 53 10 N
LONG 121 37 05 W
DRAINAGE AREA, 2 040 km²

B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	53.6	JUL	10 100
FEB	46.4	AUG	3 370
MAR	52.3	SEP	12 400
APR	105	OCT	31 600
MAY	109 000	NOV	10 800
JUN	9 760	DEC	3 410

TOTAL DISCHARGE, 191 000 dam³

MEADOW CREEK ABOVE SAQVAQJUAC INLET - STATION NO. 060A002

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1981

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	---	---	---	0	0.004	0 A	---	---	---	---	1
2	---	---	---	---	---	0 A	0.003	0 A	---	---	---	---	2
3	---	---	---	---	---	0 A	0.003	0 A	---	---	---	---	3
4	---	---	---	---	---	0.002A	0.003	0 A	---	---	---	---	4
5	---	---	---	---	---	0.004A	0.003	0 A	---	---	---	---	5
6	---	---	---	---	---	0.015A	0.002	0 A	---	---	---	---	6
7	---	---	---	---	---	0.035A	0.002	0 A	---	---	---	---	7
8	---	---	---	---	---	0.014	0.002	0	---	---	---	---	8
9	---	---	---	---	---	0.012	0.003	0	---	---	---	---	9
10	---	---	---	---	---	0.023	0.002	0	---	---	---	---	10
11	---		---	---	---	0.016	0.002	0	---	---	---	---	11
12	---	---	---	---	---	0.018	0.001	0	---	---	---	---	12
13	---	---	---	---	---	0.022	0	0	---	---	---	---	13
14	---	---	---	---	---	0.025	0	0	---	---	---	---	14
15	---	---	---	---	---	0.011	0	0	---	---	---	---	15
16	---	---	---	---	---	0.008	0	0	---	---	---	---	16
17	---	---	---	---	---	0.006	0	0	---	---	---	---	17
18	---	---	---	---	---	0.006	0	0	---	---	---	---	18
19	---	---	---	---	---	0.005	0	0	---	---	---	---	19
20	---	---	---	---	---	0.006	0	0	---	---	---	---	20
21	---	---	---	---	---	0.006	0	0.001	---	---	---	---	21
22	---	---	---	---	---	0.008	0	0.001	---	---	---	---	22
23	---	---	---	---	0	0.008	0 A	0	---	---	---	---	23
24	---	---	---	---	0	0.006	0 A	0	---	---	---	---	24
25	---	---	---	---	0	0.010	0 A	0	---	---	---	---	25
26	---	---	---	---	0	0.011	0 A	0	---	---	---	---	26
27	---	---	---	---	0	0.008	0 A	0	---	---	---	---	27
28	---	---	---	---	0	0.005	0 A	0	---	---	---	---	28
29	---		---	---	0	0.005	0 A	0	---	---	---	---	29
30	---		---	---	0	0.005	0 A	0	---	---	---	---	30
31	---		---		0		0 A	0		---		---	31
TOTAL	---	---	---	---	---	0.300	0.030	0.002	---	---	---	---	TOTAL
MEAN	---	---	---	---	---	0.010	0.001	0	---	---	---	---	MEAN
MAX	---	---	---	---	---	0.035	0.004	0.001	---	---	---	---	MAX
MIN	---	---	---	---	---	0	0	0	---	---	---	---	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MAXIMUM DAILY, 0.035A ON JUN 7
MINIMUM DAILY, 0 ON MAY 23
MAXIMUM INSTANTANEOUS,
0.076 AT 13:30 CST ON JUN 7

DATA CONTRIBUTED BY -
FRESHWATER INSTITUTE (DFO) (CANADA)

SUMMARY FOR THE MONTHS MAY TO SEP

TYPE OF GAUGE - RECORDING
LOCATION - LAT 63 38 45 N
LONG 90 42 10 W
DRAINAGE AREA, 0.16 km²
A - MANUAL GAUGE

NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	2.59
FEB	---	AUG	0.17
MAR	---	SEP	---
APR	---	OCT	---
MAY	---	NOV	---
JUN	25.9	DEC	---

MOUNTAIN RIVER BELOW CAMBRIAN CREEK - STATION NO. 10KC001

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1981

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	---	---	---	232	317	418	99.1	65.6	32.6B	22.5B	1
2	---	---	---	---	---	212	286	325	94.1	64.7	31.8B	22.3B	2
3	---	---	---	---	---	216	338	382	89.1	60.4	31.0B	22.2B	3
4	---	---	---	---	---	225	530	416	85.5	57.8	30.1B	22.1B	4
5	---	---	---	---	---	257	502	357	83.5	53.1	29.6B	22.0B	5
6	---	---	---	---	---	310	355	313	80.8	50.8	29.0B	21.9B	6
7	---	---	---	---	---	251	291	284	78.5	48.5	28.5B	21.8B	7
8	---	---	---	---	181	209	264	256	80.6	50.4	28.0B	21.7B	8
9	---	---	---	---	177	209	254	233	115	50.4	27.5B	21.6B	9
10	---	---	---	---	214	255	229	220	113	47.5	27.0B	21.5B	10
11	---	---	---	---	284	286	261	211	106	48.0	26.6B	21.4B	11
12	---	---	---	---	203	199	397	205	107	47.9	26.2B	21.3B	12
13	---	---	---	---	140	212	437	199	112	46.9	25.8B	21.2B	13
14	---	---	---	---	115	206	318	186	112	47.4	25.4B	21.2B	14
15	---	---	---	---	128	179	267	180	105	49.3	25.1B	21.1B	15
16	---	---	---	---	164	159	264	177	99.5	49.7	24.9B	21.0B	16
17	---	---	---	---	199	140	296	171E	94.3	46.0	24.7B	21.0B	17
18	---	---	---	---	232	122	413	165E	90.6	44.7	24.5B	20.9B	18
19	---	---	---	---	268	109	429	159E	88.7	43.8	24.3B	20.8B	19
20	---	---	---	---	295	99.6	412	153E	90.3	40.1	24.1B	20.8B	20
21	---	---	---	---	289	---	361	148E	88.6	38.5	23.9B	20.7B	21
22	---	---	---	---	287	---	467	143	85.0	50.9	23.7B	20.6B	22
23	---	---	---	---	362	---	409	136	81.9	43.6	23.6B	20.5B	23
24	---	---	---	---	---	---	336	128	79.6	44.5	23.4B	20.4B	24
25	---	---	---	---	---	---	293	122	75.8	42.0B	23.2B	20.3B	25
26	---	---	---	---	---	---	272	116	73.8	40.0B	23.1B	20.2B	26
27	---	---	---	---	---	504	310	112	73.1	38.2B	23.0B	20.2B	27
28	---	---	---	---	310	421	334	112	70.9	37.0B	22.9B	20.1B	28
29	---		---	---	378	403	274	112	69.6	35.6B	22.8B	20.1B	29
30	---		---	---	434	385	525	108	67.4	34.5B	22.6B	20.1B	30
31	---		---		375		618	103		33.5B		20.0B	31
TOTAL	---	---	---	---	---	---	11 059	6 350	2 690.3	1 451.3	778.9	653.5	TOTAL
MEAN	---	---	---	---	---	---	357	205	89.7	46.8	26.0	21.1	MEAN
MAX	---	---	---	---	---	---	618	418	115	65.6	32.6	22.5	MAX
MIN	---	---	---	---	---	---	229	103	67.4	33.5	22.6	20.0	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MAXIMUM DAILY, 618 ON JUL 31

SUMMARY FOR THE YEAR 1981

TYPE OF GAUGE - RECORDING
LOCATION - LAT 65 13 50 N
LONG 128 33 50 W
DRAINAGE AREA, 11 100 km²

B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	955 000
FEB	---	AUG	549 000
MAR	---	SEP	232 000
APR	---	OCT	125 000
MAY	---	NOV	67 300
JUN	---	DEC	56 500

NONACHO LAKE NEAR SNOWDRIFT - STATION NO. 07QD002

DAILY WATER LEVEL IN METRES FOR 1981

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	5.770	5.723	5.667	5.590	5.513	5.793	6.168	6.466	---	6.452	6.339	6.285	1
2	5.771	5.731	5.672	5.592	5.514	5.807	6.178	---	---	6.445	6.338	6.284	2
3	5.777	5.729	5.671	5.594	5.514	5.831	6.189	---	---	6.433	6.338	6.279	3
4	5.777	5.729	5.667	5.588	5.517	5.868	6.195	---	---	6.422	6.340	6.275	4
5	5.776	5.732	5.666	5.585	5.523	5.895	6.211	---	---	6.428	6.337	6.276	5
6	5.769	5.719	5.668	5.593	5.531	5.919	6.232	---	---	6.429	6.329	6.276	6
7	5.772	5.714	5.661	5.588	5.537	5.937	6.240	---	---	6.426	6.322	6.276	7
8	5.761	5.708	5.660	5.587	5.548	5.948	6.261	---	---	6.429	6.319	6.270	8
9	5.757	5.704	5.658	5.584	5.552	5.960	6.269	---	---	6.425	6.321	6.264	9
10	5.763	5.703	5.657	5.581	5.564	5.970	6.283	---	---	6.423	6.321	6.268	10
11	5.766	5.701	5.648	5.569	5.573	5.980	6.300	---	---	6.413	6.321	6.273	11
12	5.771	5.696	5.643	5.561	5.579	5.984	6.316	---	---	6.407	6.320	6.271	12
13	5.772	5.696	5.644	5.560	5.588	5.996	6.326	---	---	6.404	6.314	6.266	13
14	5.768	5.707	5.644	5.556	5.596	6.005	6.338	---	---	6.401	6.307	6.261	14
15	5.764	5.707	5.641	5.553	5.607	6.010	6.346	---	---	6.409	6.303	---	15
16	5.766	5.703	5.635	5.551	5.615	6.022	6.358	---	6.489	6.403	6.301	---	16
17	5.761	5.704	5.632	5.548	5.625	6.028	6.373	---	6.485	6.386	6.296	---	17
18	5.756	5.700	5.621	5.544	5.636	6.039	6.383	---	6.487	6.381	6.291	---	18
19	5.757	5.696	5.615	5.547	5.647	6.047	6.385	---	6.490	6.381	6.293	---	19
20	5.759	5.695	5.619	5.555	5.656	6.056	6.392	---	6.484	6.366	6.297	---	20
21	5.754	5.691	5.619	5.548	5.664	6.071	6.399	---	6.478	6.357	6.298	---	21
22	5.758	5.690	5.613	5.547	5.674	6.084	6.415	---	6.466	6.360	6.300	---	22
23	5.756	5.686	5.606	5.544	5.686	6.100	6.416	---	6.459	6.359	6.296	---	23
24	5.750	5.683	5.605	5.546	5.699	6.106	6.416	---	6.461	6.354	6.294	---	24
25	5.744	5.681	5.610	5.539	5.709	6.109	6.423	---	6.463	6.353	6.293	---	25
26	5.744	5.679	5.607	5.524	5.719	6.119	6.428	---	6.460	6.349	6.292	---	26
27	5.741	5.681	5.600	5.518	5.732	6.126	6.436	---	6.456	6.347	6.290	---	27
28	5.739	5.675	5.604	5.515	5.740	6.137	6.440	---	6.453	6.351	6.293	---	28
29	5.739		5.596	5.515	5.752	6.148	6.440	---	6.445	6.347	6.290	---	29
30	5.737		5.594	5.513	5.767	6.157	6.449	---	6.443	6.345	6.286	---	30
31	5.725		5.595		5.777		6.455	---		6.343		---	31
MEAN	5.759	5.702	5.633	5.558	5.624	6.008	6.337	---	---	6.391	6.309	---	MEAN
MAX	5.777	5.732	5.672	5.594	5.777	6.157	6.455	---	---	6.452	6.340	---	MAX
MIN	5.725	5.675	5.594	5.513	5.513	5.793	6.168	---	---	6.343	6.286	---	MIN

WATER LEVELS IN METRES

MINIMUM DAILY, 5.513 ON APR 30

WATER LEVELS ARE REFERRED TO ASSUMED DATUM

SUMMARY FOR THE YEAR 1981

TYPE OF GAUGE - RECORDING
LOCATION - LAT 61 43 50 N
LONG 109 40 15 W

NATURAL FLOW

NORTHWEST TERRITORIES

NUELTIN LAKE NEAR SMITH BAY - STATION NO. 06HA001

DAILY WATER LEVEL IN METRES FOR 1981

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	---	272.949	272.844	273.174	273.526	---	273.574	273.462	273.336	273.255	1
2	---	---	---	272.947	272.833	273.201	273.527	---	273.568	273.458	273.334	273.253	2
3	---	---	---	272.939	272.840	273.221	273.528	---	273.556	273.454	273.331	273.248	3
4	---	---	---	272.945	272.831	273.236	273.535	---	273.564	273.458	273.332	273.243	4
5	---	---	---	272.936	272.827	273.244	273.541	---	273.573	273.461	273.332	273.241	5
6	---	---	---	272.936	272.823	273.261	273.541	---	273.568	273.457	273.332	273.234	6
7	---	---	---	272.921	272.811	273.269	273.550	---	273.565	273.446	273.320	273.226	7
8	---	---	---	272.916	272.797	273.280	273.561	---	273.573	273.431	273.317	273.224	8
9	---	---	---	272.917	272.795	273.293	273.583	---	273.573	273.429	273.314	273.221	9
10	---	---	---	272.905	272.806	273.309	273.600	---	273.558	273.420	273.309	273.218	10
11	---	---	---	272.907	272.809	273.308	273.621	---	273.555	273.426	273.307	273.217	11
12	---	---	---	272.902	272.798	273.332	273.630A	---	273.546	273.422	273.311	273.218	12
13	---	---	---	272.892	272.798	273.345	---	---	273.536	273.416	273.308	273.211	13
14	---	---	---	272.886	272.791	273.361	---	---	273.529	273.416	273.305	273.208	14
15	---	---	---	272.883	272.797	273.369	---	---	273.530	273.415	273.301	273.210	15
16	---	---	---	272.886	272.808	273.383	---	---	273.531	273.413	273.297	273.208	16
17	---	---	---	272.875	272.806	273.389	---	---	273.522	273.398	273.293	273.203	17
18	---	---	---	272.872	272.804	273.395	---	---	273.521	273.394	273.287	273.201	18
19	---	---	---	272.869	272.808	273.401	---	---	273.519	273.392	273.290	273.194	19
20	---	---	---	272.874	272.815	273.415	---	---	273.519	273.381	273.292	273.187	20
21	---	---	---	272.869	272.829	273.429	---	---	273.526	273.379	273.289	273.181	21
22	---	---	---	272.869	272.851	273.434	---	---	273.529	273.368	273.284	273.180	22
23	---	---	---	272.860	272.876	273.452	---	---	273.519	273.372	273.280	273.174	23
24	---	---	---	272.882	272.899	273.467	---	---	273.498	273.363	273.279	273.166	24
25	---	---	272.966A	272.855	272.946	273.476	---	273.640A	273.495	273.360	273.276	273.168	25
26	---	---	272.967	272.861	272.995	273.476	---	273.627	273.488	273.359	273.273	273.166A	26
27	---	---	272.965	272.850	273.030	273.490	---	273.621	273.478	273.363	273.270	273.163E	27
28	---	---	272.960	272.839	273.068	273.501	---	273.614	273.472	273.366	273.266	273.160E	28
29	---		272.956	272.846	273.106	273.511	---	273.593	273.466	273.363	273.256	273.158E	29
30	---		272.954	272.845	273.127	273.528	---	273.582	273.461	273.358	273.253	273.156E	30
31	---		272.950		273.161		---	273.578		273.353		273.153E	31
MEAN	---	---	---	272.891	272.875	273.365	---	---	273.530	273.405	273.299	273.201	MEAN
MAX	---	---	---	272.949	273.161	273.528	---	---	273.574	273.462	273.336	273.255	MAX
MIN	---	---	---	272.839	272.791	273.174	---	---	273.461	273.353	273.253	273.153	MIN

SUMMARY FOR THE YEAR 1981

WATER LEVELS IN METRES

MINIMUM DAILY, 272.791 ON MAY 14

TYPE OF GAUGE - RECORDING
LOCATION - LAT 60 26 40 N
LONG 99 39 50 W

A - MANUAL GAUGE

E - ESTIMATED

NATURAL FLOW

WATER LEVELS ARE REFERRED TO ASSUMED DATUM

P/N LAKE OUTLET - STATION NO. 06DA004

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1981

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	---	---	---	0	0.012	0	---	---	---	---	1
2	---	---	---	---	---	0	0.011	0	---	---	---	---	2
3	---	---	---	---	---	0	0.009	0	---	---	---	---	3
4	---	---	---	---	---	0	0.008	0	---	---	---	---	4
5	---	---	---	---	---	0	0.007	0	---	---	---	---	5
6	---	---	---	---	---	0	0.006	0	---	---	---	---	6
7	---	---	---	---	---	0	0.005	0	---	---	---	---	7
8	---	---	---	---	---	0	0.004	0	---	---	---	---	8
9	---	---	---	---	---	0	0.003	0	---	---	---	---	9
10	---	---	---	---	---	0	0.003	0	---	---	---	---	10
11	---	---	---	---	---	0.003A	0.003	0	---	---	---	---	11
12	---	---	---	---	---	0.068A	0.002	0	---	---	---	---	12
13	---	---	---	---	---	0.094A	0.002	0	---	---	---	---	13
14	---	---	---	---	---	0.081A	0.002	0	---	---	---	---	14
15	---	---	---	---	---	0.058A	0.002	0	---	---	---	---	15
16	---	---	---	---	---	0.052A	0.002	0	---	---	---	---	16
17	---	---	---	---	---	0.040A	0.002	0	---	---	---	---	17
18	---	---	---	---	---	0.032A	0.001	0	---	---	---	---	18
19	---	---	---	---	---	0.027A	0.001	0	---	---	---	---	19
20	---	---	---	---	---	0.022A	0.001	0	---	---	---	---	20
21	---	---	---	---	---	0.017A	0.001	0	---	---	---	---	21
22	---	---	---	---	---	0.012A	0.001	0	---	---	---	---	22
23	---	---	---	---	---	0.020A	0.001	0	---	---	---	---	23
24	---	---	---	---	---	0.022A	0.001	0	---	---	---	---	24
25	---	---	---	---	---	0.026A	0	0	---	---	---	---	25
26	---	---	---	---	---	0.028	0	0	---	---	---	---	26
27	---	---	---	---	---	0.026	0	0	---	---	---	---	27
28	---	---	---	---	0	0.022	0	0	---	---	---	---	28
29	---		---	---	0	0.019	0	0	---	---	---	---	29
30	---		---	---	0	0.016	0	0	---	---	---	---	30
31	---		---		0		0	0		---		---	31
TOTAL	---	---	---	---	---	0.685	0.090	0	---	---	---	---	TOTAL
MEAN	---	---	---	---	---	0.023	0.003	0	---	---	---	---	MEAN
MAX	---	---	---	---	---	0.094	0.012	0	---	---	---	---	MAX
MIN	---	---	---	---	---	0	0	0	---	---	---	---	MIN

SUMMARY FOR THE MONTHS MAY TO SEP

DISCHARGES IN CUBIC METRES PER SECOND

MAXIMUM DAILY, 0.094A ON JUN 13
MINIMUM DAILY, 0 ON MAY 28
MAXIMUM INSTANTANEOUS,
0.102 AT 20:50 CST ON JUN 11

TYPE OF GAUGE - RECORDING
LOCATION - LAT 63 39 55 N
LONG 90 40 00 W
DRAINAGE AREA, 0.36 km²
A - MANUAL GAUGE

NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	7.78
FEB	---	AUG	0
MAR	---	SEP	---
APR	---	OCT	---
MAY	---	NOV	---
JUN	59.2	DEC	---

DATA CONTRIBUTED BY -
FRESHWATER INSTITUTE (DFO) (CANADA)

PLATEAU CREEK NEAR WILLOW LAKE - STATION NO. 10FC001

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1981

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	0B	0B	0B	0B	0 B	0.149	0.393	0.018	0.001	0.226	0.070B	0B	1
2	0B	0B	0B	0B	0.180B	0.278	0.342	0.017	0.006	0.507	0.058B	0B	2
3	0B	0B	0B	0B	0.400B	0.460	0.322	0.012	0.005	0.606	0.051B	0B	3
4	0B	0B	0B	0B	0.900B	0.552	0.242	0.011	0.002	0.517	0.047B	0B	4
5	0B	0B	0B	0B	2.10 B	0.601	0.172	0.009	0.001	0.414	0.048B	0B	5
6	0B	0B	0B	0B	4.35 B	0.563	0.201	0.008	0	0.313	0.049B	0B	6
7	0B	0B	0B	0B	6.12 B	0.491	0.102	0.007	0	0.312	0.050B	0B	7
8	0B	0B	0B	0B	4.83 B	0.422	0.079	0.007	0	0.335	0.041B	0B	8
9	0B	0B	0B	0B	3.06 B	0.339	0.078	0.003	0.003	0.482	0.038B	0B	9
10	0B	0B	0B	0B	2.67 B	0.297	0.067	0	0.046	0.662	0.030B	0B	10
11	0B	0B	0B	0B	1.94	0.248	0.056	0	0.046	0.931	0.030B	0B	11
12	0B	0B	0B	0B	1.57	0.238	0.045	0	0.043	0.763	0.030B	0B	12
13	0B	0B	0B	0B	1.08	0.229	0.036	0.001	0.056	0.623	0.025B	0B	13
14	0B	0B	0B	0B	0.975	0.221	0.029	0	0.115	0.532	0.020B	0B	14
15	0B	0B	0B	0B	0.743	0.224	0.018	0	0.115	0.539	0.020B	0B	15
16	0B	0B	0B	0B	0.703	0.195	0.009	0	0.106	0.602	0.020B	0B	16
17	0B	0B	0B	0B	0.640	0.181	0.001	0	0.072	0.444	0.020B	0B	17
18	0B	0B	0B	0B	0.605	0.156	0	0	0.064	0.343	0.015B	0B	18
19	0B	0B	0B	0B	0.545	0.131	0	0	0.068	0.397	0.015B	0B	19
20	0B	0B	0B	0B	0.531	0.127	0	0	0.085	0.355	0.010B	0B	20
21	0B	0B	0B	0B	0.460	0.143	0	0	0.082	0.294	0.010B	0B	21
22	0B	0B	0B	0B	0.365	0.146	0.007	0	0.089	0.227	0.010B	0B	22
23	0B	0B	0B	0B	0.263	0.160	0.028	0	0.080	0.276	0.010B	0B	23
24	0B	0B	0B	0B	0.193	0.191	0.028	0	0.078	0.224	0.005B	0B	24
25	0B	0B	0B	0B	0.128	0.200	0.028	0	0.078	0.154	0.005B	0B	25
26	0B	0B	0B	0B	0.102	0.256	0.023	0	0.096	0.157	0.001B	0B	26
27	0B	0B	0B	0B	0.075	0.352	0.020	0	0.099	0.133B	0.001B	0B	27
28	0B	0B	0B	0B	0.061	0.382	0.022	0	0.108	0.125B	0.001B	0B	28
29	0B		0B	0B	0.062	0.375	0.025	0	0.107	0.118B	0.001B	0B	29
30	0B		0B	0B	0.058	0.418	0.025	0	0.103	0.088B	0.001B	0B	30
31	0B		0B		0.086		0.021	0		0.079B		0B	31
TOTAL	0	0	0	0	35.795	8.725	2.419	0.093	1.754	11.778	0.732	0	TOTAL
MEAN	0	0	0	0	1.15	0.291	0.078	0.003	0.058	0.380	0.024	0	MEAN
MAX	0	0	0	0	6.12	0.601	0.393	0.018	0.115	0.931	0.070	0	MAX
MIN	0	0	0	0	0	0.127	0	0	0	0.079	0.001	0	MIN

SUMMARY FOR THE YEAR 1981

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.168
MAXIMUM DAILY, 6.12B ON MAY 7
MINIMUM DAILY, 0B ON JAN 1
MAXIMUM INSTANTANEOUS,
10.5B AT 23:25 MST ON MAY 7

TYPE OF GAUGE - RECORDING
LOCATION - LAT 62 18 16 N
LONG 118 14 05 W
DRAINAGE AREA, 81.6 km²

B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	0	JUL	209
FEB	0	AUG	8.04
MAR	0	SEP	152
APR	0	OCT	1 020
MAY	3 090	NOV	63.2
JUN	754	DEC	0

TOTAL DISCHARGE, 5 300 dam³

PORTER LAKE OUTFLOW ABOVE TALTSON RIVER - STATION NO. 07QD005

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1981

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	3.70B	2.87B	2.79B	2.82B	3.40B	8.20E	11.8	17.7	14.7	12.4	9.40B	6.44B	1
2	3.65B	2.86B	2.79B	2.82B	3.50B	8.80E	12.2	17.6	15.0	12.3	9.30B	6.37B	2
3	3.60B	2.86B	2.79B	2.82B	3.70B	9.23E	12.4	17.6	14.9	12.1	9.20B	6.30B	3
4	3.55B	2.86B	2.79B	2.82B	4.10B	9.50	12.6	17.5	14.8	12.0	9.10B	6.25B	4
5	3.50B	2.85B	2.79B	2.82B	4.57B	9.69	13.0	17.5	14.6	11.8	9.00B	6.20B	5
6	3.45B	2.85B	2.80B	2.83B	4.90B	9.78	13.0	17.5	14.5	11.7	8.80B	6.17B	6
7	3.37B	2.84B	2.80B	2.84B	5.10B	9.89	13.0	17.6	14.3	11.6	8.70B	6.10B	7
8	3.32B	2.83B	2.80B	2.85B	5.30B	9.96	13.4	17.6	14.1	11.4	8.60B	6.02B	8
9	3.29B	2.82B	2.80B	2.86B	5.55B	9.99	13.8	17.5	14.1	11.3	8.48B	6.00B	9
10	3.27B	2.80B	2.80B	2.87B	5.68B	9.95	14.2E	17.4	14.1	11.1	8.35B	5.97B	10
11	3.25B	2.80B	2.80B	2.88B	5.88B	9.89	14.6E	17.2	13.9	11.0	8.27B	5.93B	11
12	3.23B	2.80B	2.80B	2.89B	5.99B	9.76	15.4E	16.9	13.9	10.9	8.18B	5.90B	12
13	3.21B	2.80B	2.80B	2.90B	6.08B	9.73	16.2E	17.1	14.0	10.9	8.03B	5.85B	13
14	3.19B	2.80B	2.80B	2.91B	6.15B	9.62	17.0E	17.0	13.9	10.9	7.95B	5.80B	14
15	3.17B	2.80B	2.80B	2.92B	6.25B	9.60	17.9E	17.0	13.8	10.8	7.84B	5.75B	15
16	3.14B	2.79B	2.80B	2.93B	6.28B	9.58	18.5E	17.0	13.7	10.7	7.75B	5.70B	16
17	3.11B	2.79B	2.80B	2.95B	6.30B	9.56	19.2E	16.9	13.7	10.6	7.68B	5.67B	17
18	3.08B	2.79B	2.80B	2.97B	6.32B	9.50	19.9E	16.8	13.6	10.5	7.55B	5.63B	18
19	3.04B	2.79B	2.80B	2.99B	6.37E	9.42	20.0E	16.5	13.5	10.4	7.49B	5.60B	19
20	3.00B	2.79B	2.80B	3.00B	6.44E	9.39	19.9E	16.5	13.3	10.3	7.37B	5.57B	20
21	2.98B	2.78B	2.81B	3.02B	6.55E	9.41	19.6E	16.4	13.2	10.3 B	7.22B	5.55B	21
22	2.97B	2.78B	2.81B	3.04B	6.60E	9.61	19.3E	16.3	13.2	10.2 B	7.18B	5.50B	22
23	2.94B	2.78B	2.81B	3.06B	6.70E	9.77	19.0E	16.1	13.2	10.1 B	7.08B	5.47B	23
24	2.94B	2.78B	2.81B	3.08B	6.80E	9.96	18.9	15.8	13.1	10.1 B	7.00B	5.44B	24
25	2.93B	2.78B	2.81B	3.10B	6.90E	10.3	18.7	15.6	13.1	10.0 B	6.95B	5.42B	25
26	2.93B	2.78B	2.81B	3.13B	7.00E	10.6	18.5	15.4	13.1	10.0 B	6.84B	5.40B	26
27	2.92B	2.78B	2.81B	3.16B	7.11E	10.7	18.5	15.3	13.0	9.98B	6.80B	5.38B	27
28	2.91B	2.78B	2.81B	3.19B	7.22E	10.8	18.4	15.2	12.9	9.80B	6.70B	5.36B	28
29	2.90B		2.81B	3.24B	7.37E	11.0	18.1	14.9	12.8	9.70B	6.64B	5.34B	29
30	2.89B		2.81B	3.30B	7.60E	11.2	17.9	14.7	12.6	9.60B	6.58B	5.32B	30
31	2.88B		2.81B		7.80E		17.7	14.6		9.50B		5.30B	31
TOTAL	98.31	78.63	86.86	89.01	185.51	294.39	512.6	514.7	412.6	333.90	236.03	178.70	TOTAL
MEAN	3.17	2.81	2.80	2.97	5.98	9.81	16.5	16.6	13.8	10.8	7.87	5.76	MEAN
MAX	3.70	2.87	2.81	3.30	7.80	11.2	20.0	17.7	15.0	12.4	9.40	6.44	MAX
MIN	2.88	2.78	2.79	2.82	3.40	8.20	11.8	14.6	12.6	9.50	6.58	5.30	MIN

SUMMARY FOR THE YEAR 1981

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 8.28
MAXIMUM DAILY, 20.0E ON JUL 19
MINIMUM DAILY, 2.78B ON FEB 21

TYPE OF GAUGE - RECORDING
LOCATION - LAT 61 53 00 N
LONG 107 41 50 W
DRAINAGE AREA, 2 060 km²

B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	8 490	JUL	44 300
FEB	6 790	AUG	44 500
MAR	7 500	SEP	35 600
APR	7 690	OCT	28 800
MAY	16 000	NOV	20 400
JUN	25 400	DEC	15 400

TOTAL DISCHARGE, 261 000 dam³

PRAIRIE CREEK AT CADILLAC MINE - STATION NO. 10EC002

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1981

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	0.800B	0.400B	0.310B	0.315B	0.500B	15.3	6.02	6.83	7.27	4.74	1.40B	1.60B	1
2	0.800B	0.400B	0.310B	0.315B	0.600B	12.8	5.91	6.50	6.90	4.54	1.45B	1.60B	2
3	0.750B	0.400B	0.310B	0.315B	0.850B	11.0	6.08	6.16	6.55	4.24	1.50B	1.55B	3
4	0.700B	0.400B	0.310B	0.315B	1.30 B	10.5	6.23	6.39	6.46	3.01	1.50B	1.55B	4
5	0.700B	0.400B	0.310B	0.315B	2.00 B	9.36	5.59	5.80	6.43	2.60	1.50B	1.50B	5
6	0.650B	0.400B	0.310B	0.350B	2.40 B	8.12	5.57	5.45	6.44	3.96	1.55B	1.50B	6
7	0.650B	0.400B	0.310B	0.350B	2.90 B	29.8	5.56	5.25	7.78	4.02	1.60B	1.45B	7
8	0.600B	0.400B	0.310B	0.350B	3.50 B	40.0 E	7.17	5.00	7.78	3.24	1.60B	1.45B	8
9	0.600B	0.400B	0.310B	0.350B	4.10 B	33.0 E	7.16	4.83	9.97	3.48	1.60B	1.45B	9
10	0.550B	0.400B	0.310B	0.350B	4.90 B	25.0 E	6.73	4.63	18.4	3.36	1.65B	1.40B	10
11	0.550B	0.400B	0.310B	0.350B	5.90 E	17.0 E	6.26	4.63	16.0	3.24	1.65B	1.40B	11
12	0.500B	0.400B	0.310B	0.350B	7.00 E	13.5 E	5.83	5.02	13.7	3.14	1.65B	1.40B	12
13	0.500B	0.350B	0.310B	0.350B	8.30 E	14.0 E	6.41	4.57	11.9	2.67	1.70B	1.35B	13
14	0.500B	0.350B	0.310B	0.350B	9.80 E	15.0 E	5.88	4.27	10.7	3.62	1.70B	1.35B	14
15	0.464B	0.350B	0.310B	0.350B	11.7 E	13.0 E	5.58	4.13	9.96	4.32	1.70B	1.30B	15
16	0.450B	0.350B	0.310B	0.380B	14.0 E	11.5 E	5.33	4.00	9.12	4.41	1.70B	1.30B	16
17	0.450B	0.350B	0.310B	0.380B	17.0 E	9.40A	5.12	3.88	8.38	3.65	1.70B	1.30B	17
18	0.450B	0.320B	0.310B	0.380B	20.0 E	8.74	4.96	3.85	8.05	3.67	1.70B	1.25B	18
19	0.450B	0.320B	0.310B	0.380B	24.6 A	8.69	4.74	3.88	7.64	3.04	1.70B	1.25B	19
20	0.450B	0.320B	0.310B	0.380B	30.1	11.0	4.98	3.77	7.18	2.52	1.65B	1.20B	20
21	0.450B	0.310B	0.310B	0.380B	27.5	10.8	5.52	3.55	6.75	1.60B	1.65B	1.20B	21
22	0.450B	0.310B	0.310B	0.380B	34.5	9.93	6.72	3.44	6.41	1.30B	1.65B	1.20B	22
23	0.450B	0.310B	0.310B	0.380B	26.3	9.13	6.33	3.32	6.13	1.20B	1.65B	1.15B	23
24	0.450B	0.307B	0.310B	0.380B	20.2	8.20	6.37	3.25	5.82	1.10B	1.65B	1.15B	24
25	0.450B	0.310B	0.310B	0.400B	20.5	8.35	6.01	3.30	5.55	1.10B	1.65B	1.10B	25
26	0.450B	0.310B	0.310B	0.400B	21.9	8.64	5.74	3.22	5.22	1.15B	1.65B	1.10B	26
27	0.450B	0.310B	0.310B	0.400B	18.8	8.02	5.90	3.67	5.01	1.20B	1.65B	1.10B	27
28	0.450B	0.310B	0.310B	0.400B	16.3	7.47	6.09	12.1	4.98	1.25B	1.65B	1.05B	28
29	0.400B		0.310B	0.400B	24.1	6.93	5.87	9.07	4.91	1.30B	1.65B	1.05B	29
30	0.400B		0.311B	0.400B	25.9	6.53	5.71	7.79	4.41	1.30B	1.63B	1.05B	30
31	0.400B		0.315B		18.3		7.27	7.30		1.35B		1.00B	31
TOTAL	16.364	9.987	9.616	10.895	425.750	400.71	184.64	158.85	241.80	85.32	48.68	40.30	TOTAL
MEAN	0.528	0.357	0.310	0.363	13.7	13.4	5.96	5.12	8.06	2.75	1.62	1.30	MEAN
MAX	0.800	0.400	0.315	0.400	34.5	40.0	7.27	12.1	18.4	4.74	1.70	1.60	MAX
MIN	0.400	0.307	0.310	0.315	0.500	6.53	4.74	3.22	4.41	1.10	1.40	1.00	MIN

SUMMARY FOR THE YEAR 1981

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 4.47
MAXIMUM DAILY, 40.0E ON JUN 8
MINIMUM DAILY, 0.307B ON FEB 24

TYPE OF GAUGE - RECORDING
LOCATION - LAT 61 33 40 N
LONG 124 48 25 W
DRAINAGE AREA, 495 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	1 410	JUL	16 000
FEB	863	AUG	13 700
MAR	831	SEP	20 900
APR	941	OCT	7 370
MAY	36 800	NOV	4 210
JUN	34 600	DEC	3 480

TOTAL DISCHARGE, 141 000 dam³

PRINCE RIVER NEAR BAKER LAKE - STATION NO. 06MA005

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1981

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	0B	0B	0B	0 B	78.7	27.4	8.97	6.41	---	---	1
2	---	---	0B	0B	0B	0 B	78.7	26.8	8.51	6.18	---	---	2
3	---	---	0B	0B	0B	0 B	76.9	24.3	9.65	5.50	---	---	3
4	---	---	0B	0B	0B	0 B	76.2	23.0	9.59	6.19	---	---	4
5	---	---	0B	0B	0B	0 B	74.4	22.4	9.66	6.58	---	---	5
6	---	---	0B	0B	0B	0 B	71.9	21.6	9.73	6.75	---	---	6
7	---	---	0B	0B	0B	0 B	69.3	21.1	9.76	6.78	---	---	7
8	---	---	0B	0B	0B	0 B	68.4	19.7	9.86	6.80	---	---	8
9	---	---	0B	0B	0B	0 B	69.3	19.4	9.86	6.77	---	---	9
10	---	---	0B	0B	0B	0 B	72.5	18.5	9.67	6.82	---	---	10
11	---	---	0B	0B	0B	0 B	72.4	19.1	9.62	6.94	---	---	11
12	---	---	0B	0B	0B	0.015B	72.5	16.2	9.58	6.86	---	---	12
13	---	---	0B	0B	0B	0.040B	70.4	14.7	9.45	6.76	---	---	13
14	---	---	0B	0B	0B	0.125B	67.9	14.1	9.40	6.71	---	---	14
15	---	---	0B	0B	0B	0.275B	65.3	13.7	9.26	6.05B	---	---	15
16	---	---	0B	0B	0B	0.750B	62.5	13.8	9.01	5.65B	---	---	16
17	---	---	0B	0B	0B	3.05 B	61.2	12.5	8.94	5.30B	---	---	17
18	---	---	0B	0B	0B	30.9 B	58.3	12.2	8.93	4.95B	---	---	18
19	---	---	0B	0B	0B	73.6 A	55.4	11.5	8.92	4.65B	---	---	19
20	---	---	0B	0B	0B	88.7	47.4	11.1	8.49	4.40B	---	---	20
21	---	---	0B	0B	0B	87.6	45.7	11.0	8.29	4.05B	---	---	21
22	---	---	0B	0B	0B	86.9	46.3	11.0	8.08	3.80B	---	---	22
23	---	---	0B	0B	0B	91.4	44.1	10.9	7.97	3.55B	---	---	23
24	---	---	0B	0B	0B	93.7	43.5	11.0	7.66	3.32B	---	---	24
25	---	---	0B	0B	0B	91.7	40.8	10.7	7.80	3.10B	---	---	25
26	---	---	0B	0B	0B	87.7	38.7	10.4	7.55	2.90B	---	---	26
27	---	---	0B	0B	0B	86.5	37.3	10.0	7.31	2.73B	---	---	27
28	---	---	0B	0B	0B	83.5	36.5	9.86	6.90B	2.54B	---	---	28
29	---		0B	0B	0B	78.5	32.3	9.74	6.60B	2.38B	---	---	29
30	---		0B	0B	0B	78.8	30.8	9.34	6.45B	2.24B	---	---	30
31	---		0B		0B		29.3	9.18		2.08B		---	31
TOTAL	---	---	0	0	0	1 063.755	1 794.9	476.22	261.47	155.74	---	---	TOTAL
MEAN	---	---	0	0	0	35.5	57.9	15.4	8.72	5.02	---	---	MEAN
MAX	---	---	0	0	0	93.7	78.7	27.4	9.86	6.94	---	---	MAX
MIN	---	---	0	0	0	0	29.3	9.18	6.45	2.08	---	---	MIN

SUMMARY FOR THE MONTHS MAR TO OCT

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 15.3
MAXIMUM DAILY, 93.7 ON JUN 24
MINIMUM DAILY, 0B ON MAR 1
MAXIMUM INSTANTANEOUS,
95.9 AT 08:30 CST ON JUN 24

TYPE OF GAUGE - RECORDING
LOCATION - LAT 64 18 00 N
LONG 95 45 00 W
DRAINAGE AREA, 2 130 km²
A - MANUAL GAUGE
B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	155 000
FEB	---	AUG	41 100
MAR	0	SEP	22 600
APR	0	OCT	13 500
MAY	0	NOV	---
JUN	91 900	DEC	---

TOTAL DISCHARGE, 324 000 dam³

QUOICH RIVER ABOVE ST. CLAIR FALLS - STATION NO. 06MB001

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1981

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	2.04B	1.59B	1.42B	---	1 080E	218	209	333	---	---	1
2	---	---	2.04B	1.59B	1.42B	---	1 030E	211	215	302	---	---	2
3	---	---	1.98B	1.56B	1.42B	---	985E	197	247	317	---	---	3
4	---	---	1.98B	1.56B	1.42B	---	940E	193	272	329	---	---	4
5	---	---	1.93B	1.56B	1.42B	---	900E	188	278	317	---	---	5
6	---	---	1.93B	1.56B	1.42B	---	864E	178	346	306	---	---	6
7	---	---	1.87B	1.56B	1.42B	---	821E	169	432	302	---	---	7
8	---	---	1.87B	1.56B	1.42B	---	787E	166	518	302	---	---	8
9	---	---	1.87B	1.53B	1.42B	---	750E	161	575	302	---	---	9
10	---	---	1.81B	1.53B	1.42B	---	708E	157	609	298	---	---	10
11	---	---	1.81B	1.53B	1.42B	---	680E	151	621	289	---	---	11
12	---	---	1.76B	1.53B	1.42B	---	643E	143	624	276	---	---	12
13	---	---	1.76B	1.50B	1.42B	---	612E	138	612	259	---	---	13
14	---	---	1.70B	1.50B	1.42B	---	580A	133	592	248	---	---	14
15	---	---	1.70B	1.50B	1.42B	---	549	134	571	230	---	---	15
16	---	---	1.70E	1.47B	1.42B	---	515	134	545	185	---	---	16
17	---	---	1.70B	1.47B	1.42B	---	490	128	503	170 B	---	---	17
18	---	---	1.70B	1.47B	1.42B	---	458	125	492	156 B	---	---	18
19	---	---	1.67B	1.44B	1.42B	---	415	120	456	143 B	---	---	19
20	---	---	1.67B	1.44B	1.42B	---	392	118	444	130 B	---	---	20
21	---	---	1.67B	1.44B	1.42B	---	381	126	446	120 B	---	---	21
22	---	---	1.67B	1.44B	1.42B	---	364	123	448	110 B	---	---	22
23	---	---	1.64B	1.44B	1.42B	---	333	123	447	102 B	---	---	23
24	---	---	1.64B	1.42B	1.42B	---	309	125	451	95.0B	---	---	24
25	---	---	1.64B	1.42B	1.42B	---	304	124	449	89.0B	---	---	25
26	---	---	1.61B	1.42B	1.42B	---	293	127	437	84.0B	---	---	26
27	---	---	1.61B	1.42B	1.42B	---	279	140	425	79.0B	---	---	27
28	---	---	1.61B	1.42B	1.42B	---	266	154	423	74.5B	---	---	28
29	---		1.59B	1.42B	1.42B	---	251	169	405	71.0B	---	---	29
30	---		1.59B	1.42B	1.42B	---	236	181	367	68.0B	---	---	30
31	---		1.59B		1.42B		225	195		65.5B		---	31
TOTAL	---	---	54.35	44.71	44.02	---	17 440	4 749	13 459	6 152.0	---	---	TOTAL
MEAN	---	---	1.75	1.49	1.42	---	563	153	449	198	---	---	MEAN
MAX	---	---	2.04	1.59	1.42	---	1 080	218	624	333	---	---	MAX
MIN	---	---	1.59	1.42	1.42	---	225	118	209	65.5	---	---	MIN

SUMMARY FOR THE MONTHS MAR TO OCT

DISCHARGES IN CUBIC METRES PER SECOND

MINIMUM DAILY, 1.42B ON APR 24

TYPE OF GAUGE - RECORDING
LOCATION - LAT 64 27 30 N
LONG 94 07 10 W
DRAINAGE AREA, 28 700 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	1 510 000
FEB	---	AUG	410 000
MAR	4 700	SEP	1 160 000
APR	3 860	OCT	532 000
MAY	3 800	NOV	---
JUN	---	DEC	---

RABBIT CREEK AT FORT LIARD HIGHWAY - STATION NO. 10ED004

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1981

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	0.010B	0.005B	0.005B	0.001B	0.685B	0.295	0.137	0.011	0.019	0.018	0.050B	0.050B	1
2	0.010B	0.005B	0.005B	0.001B	1.79 B	0.277	0.119	0.011	0.010	0.020	0.050B	0.050B	2
3	0.010B	0.005B	0.005B	0.001B	3.73 B	0.251	0.097	0.008	0.003	0.025	0.050B	0.050B	3
4	0.010B	0.005B	0.005B	0.001B	7.12 B	0.226	0.083	0.009	0	0.027	0.050B	0.050B	4
5	0.010B	0.005B	0.005B	0.001B	8.78 B	0.244	0.066	0.009	0	0.021	0.050B	0.050B	5
6	0.010B	0.005B	0.005B	0.005B	9.42 B	0.254	0.057	0.006	0	0.018	0.050B	0.050B	6
7	0.010B	0.005B	0.005B	0.005B	10.1 B	0.843	0.050	0.002	0	0.036	0.045B	0.050B	7
8	0.010B	0.005B	0.005B	0.005B	9.33 B	5.18	0.060	0.001	0	0.100	0.045B	0.050B	8
9	0.010B	0.005B	0.005B	0.005B	9.36 B	6.32	0.050	0	0	0.116	0.045B	0.048B	9
10	0.010B	0.005B	0.005B	0.005B	5.95 B	5.28	0.040	0.001	0	0.108	0.045B	0.045B	10
11	0.010B	0.005B	0.001B	0.005B	5.50 B	4.21	0.038	0.001	0	0.087	0.040B	0.040B	11
12	0.010B	0.005B	0.001B	0.005B	5.19	3.12	0.032	0.002	0	0.068	0.040B	0.040B	12
13	0.010B	0.005B	0.001B	0.005B	3.42	2.21	0.031	0.001	0	0.050	0.040B	0.035B	13
14	0.010B	0.005B	0.001B	0.005B	2.61	1.94	0.030	0	0	0.049	0.040B	0.035B	14
15	0.010B	0.005B	0.001B	0.005B	2.41	1.92	0.028	0.001	0.001	0.064	0.040B	0.030B	15
16	0.010B	0.005B	0.001B	0.005B	2.51	1.61	0.026	0.001	0.005	0.083	0.040B	0.030B	16
17	0.010B	0.005B	0.001B	0.005B	2.21	1.23	0.023	0.002	0.004	0.083	0.040B	0.030B	17
18	0.010B	0.005B	0.001B	0.005B	1.92	0.982	0.020	0.007	0.002	0.096	0.040B	0.025B	18
19	0.010B	0.005B	0.001B	0.005B	1.78	0.828	0.017	0.009	0	0.110	0.040B	0.025B	19
20	0.010B	0.005B	0.001B	0.005B	1.60	0.771	0.015	0.016	0	0.114	0.040B	0.020B	20
21	0.010B	0.005B	0.001B	0.008B	1.41	0.698	0.013	0.012	0.016	0.198B	0.040B	0.020B	21
22	0.010B	0.005B	0.001B	0.008B	1.13	0.596	0.012	0.005	0.012	0.145B	0.040B	0.020B	22
23	0.010B	0.005B	0.001B	0.010B	0.944	0.520	0.010	0.002	0.022	0.104B	0.040B	0.020B	23
24	0.010B	0.005B	0.001B	0.015B	0.767	0.447	0.008	0.001	0.023	0.069B	0.045B	0.015B	24
25	0.010B	0.005B	0.001B	0.020B	0.638	0.378	0.007	0	0.022	0.100B	0.045B	0.015B	25
26	0.010B	0.005B	0.001B	0.040B	0.536	0.345	0.007	0	0.015	0.130B	0.045B	0.015B	26
27	0.010B	0.005B	0.001B	0.094B	0.461	0.305	0.009	0.006	0.014	0.077B	0.045B	0.015B	27
28	0.010B	0.005B	0.001B	0.091B	0.431	0.266	0.012	0.017	0.015	0.066B	0.045B	0.010B	28
29	0.010B		0.001B	0.168B	0.379	0.211	0.011	0.013	0.014	0.057B	0.045B	0.010B	29
30	0.010B		0.001B	0.465B	0.343	0.179	0.011	0.010	0.016	0.055B	0.050B	0.010B	30
31	0.005B		0.001B		0.328		0.011	0.008		0.050B		0.010B	31
TOTAL	0.305	0.140	0.071	0.999	102.782	41.936	1.130	0.172	0.213	2.344	1.320	0.963	TOTAL
MEAN	0.010	0.005	0.002	0.033	3.32	1.40	0.036	0.006	0.007	0.076	0.044	0.031	MEAN
MAX	0.010	0.005	0.005	0.465	10.1	6.32	0.137	0.017	0.023	0.198	0.050	0.050	MAX
MIN	0.005	0.005	0.001	0.001	0.328	0.179	0.007	0	0	0.018	0.040	0.010	MIN

SUMMARY FOR THE YEAR 1981

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.417
MAXIMUM DAILY, 10.1B ON MAY 7
MINIMUM DAILY, 0 ON AUG 9
MAXIMUM INSTANTANEOUS,
11.9B AT 23:24 MST ON MAY 6

TYPE OF GAUGE - RECORDING
LOCATION - LAT 60 27 45 N
LONG 123 24 15 W
DRAINAGE AREA, 120 km²

B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	26.4	JUL	97.6
FEB	12.1	AUG	14.9
MAR	6.13	SEP	18.4
APR	86.3	OCT	203
MAY	8 880	NOV	114
JUN	3 620	DEC	83.2

TOTAL DISCHARGE, 13 200 dam³

NORTHWEST TERRITORIES

RAT RIVER NEAR FORT MCPHERSON - STATION NO. 10MC007

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1981

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	0B	0B	0B	0B	0 B	48.7	56.0	24.5	---	---	1.56 B	0.610B	1
2	0B	0B	0B	0B	0.110B	38.1	44.9	35.0	---	---	1.51 B	0.590B	2
3	0B	0B	0B	0B	0.210B	30.8	41.5	90.7	---	---	1.47 B	0.575B	3
4	0B	0B	0B	0B	0.280B	26.5	38.1	56.5	---	---	1.42 B	0.555B	4
5	0B	0B	0B	0B	0.390B	25.1	34.8	37.0	---	---	1.38 B	0.535B	5
6	0B	0B	0B	0B	0.550B	26.2	37.3	27.0	---	---	1.34 B	0.523B	6
7	0B	0B	0B	0B	0.780B	30.6	50.1	21.6	---	---	1.30 B	0.505B	7
8	0B	0B	0B	0B	1.10 B	38.3	49.7	19.7	---	---	1.26 B	0.490B	8
9	0B	0B	0B	0B	1.60 B	39.2	59.7	18.9	---	---	1.21 B	0.475B	9
10	0B	0B	0B	0B	2.25 B	36.3	47.2	64.9	---	---	1.18 B	0.463B	10
11	0B	0B	0B	0B	3.20 B	34.9	46.2	66.2	---	---	1.15 B	0.453B	11
12	0B	0B	0B	0B	4.70 B	34.5	47.6	36.6	---	---	1.11 B	0.436B	12
13	0B	0B	0B	0B	6.90 B	34.0	49.6	27.4	---	---	1.07 B	0.422B	13
14	0B	0B	0B	0B	10.0 B	33.6	46.7	23.5	---	---	1.04 B	0.405B	14
15	0B	0B	0B	0B	15.0 B	32.2	39.2	20.5	---	2.61B	1.01 B	0.395B	15
16	0B	0B	0B	0B	20.4	30.2	37.8	18.0	---	2.53B	0.970B	0.380B	16
17	0B	0B	0B	0B	19.0	28.4	40.2	17.1	---	2.47B	0.950B	0.368B	17
18	0B	0B	0B	0B	40.6	26.5	37.3	17.0	---	2.39B	0.910B	0.355B	18
19	0B	0B	0B	0B	44.5	24.8	44.9	16.5	---	2.31B	0.890B	0.342B	19
20	0B	0B	0B	0B	45.6	23.6	49.9	15.3	---	2.25B	0.860B	0.330B	20
21	0B	0B	0B	0B	66.5 A	24.6	65.7	13.9	---	2.18B	0.830B	0.316B	21
22	0B	0B	0B	0B	97.8	26.0	137	14.0	---	2.12B	0.810B	0.304B	22
23	0B	0B	0B	0B	113	23.6	109	16.9	---	2.05B	0.780B	0.293B	23
24	0B	0B	0B	0B	95.5	22.5	77.1	27.9	---	1.99B	0.755B	0.282B	24
25	0B	0B	0B	0B	73.3	22.0	51.9	44.1	---	1.92B	0.735B	0.272B	25
26	0B	0B	0B	0B	59.5	22.0	87.9	40.4	---	1.87B	0.710B	0.262B	26
27	0B	0B	0B	0B	48.4	21.9	78.1	32.5	---	1.81B	0.690B	0.251B	27
28	0B	0B	0B	0B	39.0	29.2	70.6	25.1	---	1.75B	0.670B	0.241B	28
29	0B		0B	0B	41.0	46.0	46.1	---	---	1.70B	0.645B	0.232B	29
30	0B		0B	0B	41.6	54.9	35.1	---	---	1.65B	0.630B	0.221B	30
31	0B		0B		47.0		27.7	---		1.60B		0.212B	31
TOTAL	0	0	0	0	939.770	935.2	1 684.9	---	---	---	30.845	12.093	TOTAL
MEAN	0	0	0	0	30.3	31.2	54.4	---	---	---	1.03	0.390	MEAN
MAX	0	0	0	0	113	54.9	137	---	---	---	1.56	0.610	MAX
MIN	0	0	0	0	0	21.9	27.7	---	---	---	0.630	0.212	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MAXIMUM DAILY, 137 ON JUL 22
MINIMUM DAILY, 0B ON JAN 1
MAXIMUM INSTANTANEOUS,
166 AT 20:20 MST ON JUL 22

SUMMARY FOR THE YEAR 1981

TYPE OF GAUGE - RECORDING
LOCATION - LAT 67 40 45 N
LONG 135 42 30 W

A - MANUAL GAUGE
B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	0	JUL	146 000
FEB	0	AUG	---
MAR	0	SEP	---
APR	0	OCT	---
MAY	81 200	NOV	2 670
JUN	80 800	DEC	1 040

REDSTONE RIVER NEAR THE MOUTH - STATION NO. 10HB001

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1981

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	---	---	---	441	214	346	112	86.1	42.0B	40.0B	1
2	---	---	---	---	---	464	195	293	110	92.8	42.0B	40.0B	2
3	---	---	---	---	---	323	207	265	105	88.1	42.0B	40.0B	3
4	---	---	---	---	---	256	254	257	100	80.8	42.0B	39.8B	4
5	---	---	---	---	---	220	266	252	98.5	70.3	42.0B	39.7B	5
6	---	---	---	---	---	235	240	250	97.6	63.6	42.0B	39.6B	6
7	---	---	---	---	---	237	222	248	94.2	62.2	42.0B	39.5B	7
8	---	---	---	---	---	285	206	233	93.8	66.8	42.0B	39.4B	8
9	---	---	---	---	244	337	198	216	98.1	70.2	42.0B	39.3B	9
10	---	---	---	---	255	332	191	201	117	68.0	42.0B	39.1B	10
11	---	---	---	---	227	276	181	193	126	67.0	42.0B	39.0B	11
12	---	---	---	---	202	230	200	187	133	63.6	42.0B	38.9B	12
13	---	---	---	---	152	221	244	180	133	59.6	42.0B	38.8B	13
14	---	---	---	---	125	240	240	170	128	62.8	42.0B	38.7B	14
15	---	---	---	---	150	235	210	160	121	66.8	42.0B	38.5B	15
16	---	---	---	---	165	208	202	154	114	71.0	42.0B	38.4B	16
17	---	---	---	---	172	180	213	145	108	73.0	42.0B	38.2B	17
18	---	---	---	---	171	156	231	140	104	69.1	42.0B	38.0B	18
19	---	---	---	---	210	139	249	135	102	64.9	42.0B	37.8B	19
20	---	---	---	---	243	131	246	132	101	61.8	41.9B	37.7B	20
21	---	---	---	---	233	131	240	128	99.3	45.4	41.8B	37.6B	21
22	---	---	---	---	228	162	340	125	96.7	30.7	41.6B	37.4B	22
23	---	---	---	---	266	213	378	120	92.9	42.6	41.4B	37.3B	23
24	---	---	---	---	307	283	367	116	91.4	49.7	41.2B	37.2B	24
25	---	---	---	---	249	240	305	113	89.0	53.1	41.0B	37.1B	25
26	---	---	---	---	275	207	265	111	86.5	42.7	40.8B	37.0B	26
27	---	---	---	---	337	196	265	108	85.1	42.4B	40.6B	36.8B	27
28	---	---	---	---	341	194	327	108	83.5	42.3B	40.4B	36.5B	28
29	---		---	---	352	207	318	113	85.2	42.2B	40.2B	36.3B	29
30	---		---	---	376	222	284	117	84.9	42.1B	40.1B	36.2B	30
31	---		---		376		321	113		42.0B		36.0B	31
TOTAL	---	---	---	---	---	7 201	7 819	5 429	3 090.7	1 883.7	1 249.0	1 185.8	TOTAL
MEAN	---	---	---	---	---	240	252	175	103	60.8	41.6	38.3	MEAN
MAX	---	---	---	---	---	464	378	346	133	92.8	42.0	40.0	MAX
MIN	---	---	---	---	---	131	181	108	83.5	30.7	40.1	36.0	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MAXIMUM DAILY, 464 ON JUN 2

MAXIMUM INSTANTANEOUS,
568 AT 01:55 MST ON JUN 2

SUMMARY FOR THE YEAR 1981

TYPE OF GAUGE - RECORDING
LOCATION - LAT 63 55 37 N
LONG 125 18 07 W
DRAINAGE AREA, 15 400 km²

B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	---	JUL	676 000
FEB	---	AUG	469 000
MAR	---	SEP	267 000
APR	---	OCT	163 000
MAY	---	NOV	108 000
JUN	622 000	DEC	102 000

REMGLENG RIVER BELOW DEMPSTER HIGHWAY - STATION NO. 10LC003

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1981

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	0B	0B	0B	0 B	0.703B	14.4	3.28	5.65	2.34	2.45	1.17 B	0.525B	1
2	0B	0B	0B	0 B	0.900B	13.6	3.48	5.27	2.33	2.46	1.13 B	0.509B	2
3	0B	0B	0B	0 B	1.15 B	13.5	3.72	5.06	2.31	2.50	1.10 B	0.500B	3
4	0B	0B	0B	0 B	1.50 B	14.4	3.74	4.86	2.19	2.44	1.07 B	0.490B	4
5	0B	0B	0B	0 B	1.90 B	15.5	3.78	4.76	2.10	2.44	1.03 B	0.470B	5
6	0B	0B	0B	0 B	2.55 B	15.6	3.70	4.46	2.07	2.40	1.01 B	0.460B	6
7	0B	0B	0B	0 B	3.45 B	15.2	3.67	4.29	2.05	2.40	0.980B	0.450B	7
8	0B	0B	0B	0 B	4.60 B	14.0	3.46	4.14	2.00	2.46	0.950B	0.440B	8
9	0B	0B	0B	0 B	5.70 B	13.2	3.22	3.86	1.98	2.42	0.920B	0.430B	9
10	0B	0B	0B	0 B	7.00 B	13.0	3.04	3.74	1.96	2.38	0.895B	0.420B	10
11	0B	0B	0B	0 B	8.70 B	11.9	2.96	3.59	1.94	2.20	0.873B	0.410B	11
12	0B	0B	0B	0 B	10.7 B	11.2	3.00	3.45	1.91	2.25	0.850B	0.400B	12
13	0B	0B	0B	0 B	13.2 B	10.6	2.86	3.28	1.90	2.15	0.825B	0.390B	13
14	0B	0B	0B	0 B	15.0 B	9.75	2.84	3.13	1.88	2.27	0.805B	0.380B	14
15	0B	0B	0B	0 B	16.6 B	9.05	2.66	3.02	1.88	2.08	0.785B	0.370B	15
16	0B	0B	0B	0 B	14.6	8.42	2.56	2.96	1.86	1.99	0.765B	0.360B	16
17	0B	0B	0B	0 B	18.2	7.57	2.72	2.94	1.86	1.91B	0.745B	0.350B	17
18	0B	0B	0B	0 B	21.0	7.05	3.42	2.80	1.84	1.83B	0.725B	0.340B	18
19	0B	0B	0B	0 B	18.8	6.41	3.60	2.70	1.83	1.76B	0.705B	0.330B	19
20	0B	0B	0B	0 B	19.3	5.95	3.78	2.62	1.84	1.70B	0.690B	0.320B	20
21	0B	0B	0B	0.005B	20.3	5.69	5.00	2.54	1.86	1.65B	0.670B	0.310B	21
22	0B	0B	0B	0.018B	18.5	5.39	7.88	2.51	1.87	1.54B	0.655B	0.300B	22
23	0B	0B	0B	0.060B	17.9	5.20	9.71	2.45	1.87	1.54B	0.635B	0.290B	23
24	0B	0B	0B	0.120B	18.3	4.69	9.91	2.38	1.87	1.49B	0.625B	0.280B	24
25	0B	0B	0B	0.170B	17.9	4.40	9.60	2.65	1.87	1.45B	0.605B	0.270B	25
26	0B	0B	0B	0.221B	17.7	3.87	8.87	2.87	1.89	1.40B	0.590B	0.260B	26
27	0B	0B	0B	0.275B	17.1	3.76	7.66	2.88	1.95	1.36B	0.575B	0.250B	27
28	0B	0B	0B	0.340B	17.1	3.51	7.22	2.64	2.22	1.32B	0.565B	0.240B	28
29	0B		0B	0.425B	17.4	3.30	6.89	2.55	2.42	1.28B	0.550B	0.235B	29
30	0B		0B	0.554B	15.4	3.24	6.48	2.46	2.46	1.24B	0.535B	0.225B	30
31	0B		0B		13.7		5.97	2.37		1.20B		0.217B	31
TOTAL	0	0	0	2.188	376.853	273.35	150.68	104.88	60.35	59.96	24.028	11.221	TOTAL
MEAN	0	0	0	0.073	12.2	9.11	4.86	3.38	2.01	1.93	0.801	0.362	MEAN
MAX	0	0	0	0.554	21.0	15.6	9.91	5.65	2.46	2.50	1.17	0.525	MAX
MIN	0	0	0	0	0.703	3.24	2.56	2.37	1.83	1.20	0.535	0.217	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 2.91
MAXIMUM DAILY, 21.0 ON MAY 18
MINIMUM DAILY, 0B ON JAN 1

SUMMARY FOR THE YEAR 1981

TYPE OF GAUGE - RECORDING
LOCATION - LAT 67 45 25 N
LONG 133 51 25 W
DRAINAGE AREA, 1 440 km²

B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	0	JUL	13 000
FEB	0	AUG	9 060
MAR	0	SEP	5 210
APR	189	OCT	5 180
MAY	32 600	NOV	2 080
JUN	23 600	DEC	969

TOTAL DISCHARGE, 91 900 dam³

ROOT RIVER NEAR THE MOUTH - STATION NO. 10GA001

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1981

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	9.20B	8.40B	8.10B	8.00B	121 B	90.0	125 E	188	45.1	55.0	48.0B	19.5B	1
2	9.20B	8.40B	8.10B	8.10B	193 B	221	110 E	156	44.9	93.7	46.0B	19.5B	2
3	9.10B	8.40B	8.10B	8.10B	312 B	139	100 E	126	44.9	114	44.0B	19.5B	3
4	9.10B	8.40B	8.10B	8.10B	268 B	103	96.0E	107	44.9	93.2	42.0B	20.0B	4
5	9.00B	8.40B	8.10B	8.10B	246 B	91.0	90.0E	95.5	44.7	71.6	41.0B	20.0B	5
6	9.00B	8.30B	8.10B	8.20B	299 B	87.1	100 E	88.1	44.4	59.7	38.4B	20.0B	6
7	9.00B	8.30B	8.10B	8.20B	282 B	80.0	110 E	79.1	43.9	56.2	31.5B	20.0B	7
8	8.90B	8.30B	8.10B	8.20B	260 B	188	120 E	70.7	44.0	58.9	26.8B	20.0B	8
9	8.90B	8.30B	8.10B	8.20B	235 B	279	130 E	65.3	45.4	56.1	23.9B	20.0B	9
10	8.80B	8.20B	8.10B	8.20B	217	158	140 E	60.6	60.0	53.4	19.0B	20.0B	10
11	8.80B	8.20B	8.00B	8.30B	187	118	130 E	56.9	73.8	51.2	19.0B	20.0B	11
12	8.80B	8.20B	8.00B	8.40B	172	91.2	120 E	54.2	83.1	50.8	18.5B	20.0B	12
13	8.80B	8.20B	8.00B	8.50B	125	74.7	140 E	55.7	84.8	49.9	18.5B	20.0B	13
14	8.70B	8.20B	8.00B	8.60B	91.4	68.1	130 E	56.4	89.0	48.5	18.5B	19.5B	14
15	8.70B	8.20B	8.00B	8.80B	114	70.4	120 E	53.1	83.6	48.1	18.0B	19.5B	15
16	8.66B	8.20B	8.00B	9.20B	137	63.7	110 E	50.8	75.5	48.0	18.0B	19.0B	16
17	8.60B	8.20B	8.00B	9.60B	146	54.6	105 E	47.9	68.1	49.8	18.0B	18.5B	17
18	8.60B	8.20B	8.00B	10.3 B	136	49.3	100 E	46.5	62.4	49.5	18.0B	18.0B	18
19	8.60B	8.20B	8.00B	10.8 B	148	45.7	110 E	46.2	60.7	48.9	18.0B	17.0B	19
20	8.60B	8.20B	8.00B	11.5 B	164	45.5	130 E	45.7	58.8	47.0	18.0B	16.5B	20
21	8.60B	8.20B	8.00B	12.1 B	176	50.0	180 E	44.3	55.2	39.2B	18.0B	16.0B	21
22	8.60B	8.20B	8.00B	13.2 B	151	71.4	250 E	43.3	53.2	32.4B	18.5B	15.0B	22
23	8.60B	8.20B	8.00B	14.5 B	141	77.0E	330 A	41.8	51.5	28.4B	18.5B	14.5B	23
24	8.60B	8.20B	8.00B	15.8 B	140	86.0E	225	40.4	49.9	35.0B	18.5B	14.0B	24
25	8.50B	8.20B	8.00B	17.1 B	105	98.0E	158	38.9	49.0	33.0B	18.5B	13.5B	25
26	8.50B	8.10B	8.00B	18.1 B	92.6	110 E	122	38.3	47.7	33.1B	19.0B	13.0B	26
27	8.50B	8.10B	8.00B	19.5 B	87.9	120 E	109	38.7	46.1	36.0B	19.0B	12.5B	27
28	8.40B	8.10B	8.00B	32.6 B	84.5	130 E	132	39.2	45.9	39.0B	19.0B	12.0B	28
29	8.40B		8.00B	61.2 B	76.4	150 E	178	40.2	45.9	42.0B	19.0B	11.5B	29
30	8.40B		8.00B	84.0 B	74.8	140 E	146	44.8	48.8	46.0B	19.5B	11.0B	30
31	8.40B		8.00B		84.0		136	46.0		50.0B		10.5B	31
TOTAL	270.56	230.70	249.00	463.50	5 066.6	3 149.7	4 282.0	2 005.6	1 695.2	1 617.6	730.6	530.0	TOTAL
MEAN	8.73	8.24	8.03	15.5	163	105	138	64.7	56.5	52.2	24.4	17.1	MEAN
MAX	9.20	8.40	8.10	84.0	312	279	330	188	89.0	114	48.0	20.0	MAX
MIN	8.40	8.10	8.00	8.00	74.8	45.5	90.0	38.3	43.9	28.4	18.0	10.5	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 55.6
MAXIMUM DAILY, 330A ON JUL 23
MINIMUM DAILY, 8.00B ON MAR 11

SUMMARY FOR THE YEAR 1981

TYPE OF GAUGE - RECORDING
LOCATION - LAT 62 28 40 N
LONG 123 25 45 W
DRAINAGE AREA, 9 840 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	23 400	JUL	370 000
FEB	19 900	AUG	173 000
MAR	21 500	SEP	146 000
APR	40 000	OCT	140 000
MAY	438 000	NOV	63 100
JUN	272 000	DEC	45 800

TOTAL DISCHARGE, 1 750 000 dam³

NORTHWEST TERRITORIES

RYAN CREEK NEAR INUVIK - STATION NO. 10ND002

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1981

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	0B	0B	0B	0B	0 B	4.90 B	2.11	0.579	0.404	0.116B	0B	0B	1
2	0B	0B	0B	0B	0 B	3.31	1.78	0.597	0.383	0.087B	0B	0B	2
3	0B	0B	0B	0B	0 B	2.53	1.42	0.657	0.348	0.069B	0B	0B	3
4	0B	0B	0B	0B	0 B	2.48	1.07	0.708	0.325	0.057B	0B	0B	4
5	0B	0B	0B	0B	0 B	4.38	0.872	0.670	0.328	0.048B	0B	0B	5
6	0B	0B	0B	0B	0 B	5.81	1.30	0.574	0.309	0.040B	0B	0B	6
7	0B	0B	0B	0B	0 B	5.26	1.42	0.548	0.271	0.035B	0B	0B	7
8	0B	0B	0B	0B	0 B	4.60	1.18	0.564	0.264	0.030B	0B	0B	8
9	0B	0B	0B	0B	0 B	4.10	0.975	0.763	0.234	0.026B	0B	0B	9
10	0B	0B	0B	0B	0 B	3.95	0.828	1.37	0.207	0.024B	0B	0B	10
11	0B	0B	0B	0B	0 B	3.88	1.30	1.56	0.196	0.021B	0B	0B	11
12	0B	0B	0B	0B	0 B	3.33	2.38	1.46	0.178	0.018B	0B	0B	12
13	0B	0B	0B	0B	0 B	2.90	2.58	1.27	0.157	0.014B	0B	0B	13
14	0B	0B	0B	0B	0 B	2.40	1.92	1.09	0.170	0.011B	0B	0B	14
15	0B	0B	0B	0B	0 B	1.89	1.54	0.962	0.180	0.009B	0B	0B	15
16	0B	0B	0B	0B	0 B	1.52	1.28	0.896	0.196	0.006B	0B	0B	16
17	0B	0B	0B	0B	0 B	1.21	1.06	0.769	0.201	0.004B	0B	0B	17
18	0B	0B	0B	0B	0 B	0.961	1.06	0.755	0.213	0.003B	0B	0B	18
19	0B	0B	0B	0B	0 B	0.840	0.983	0.697	0.265	0.001B	0B	0B	19
20	0B	0B	0B	0B	0 B	0.750	0.877	0.603	0.298	0 B	0B	0B	20
21	0B	0B	0B	0B	0.001B	0.673	0.850	0.568	0.302	0 B	0B	0B	21
22	0B	0B	0B	0B	0.004B	0.561	0.814	0.582	0.297	0 B	0B	0B	22
23	0B	0B	0B	0B	0.019B	0.482	0.705	0.585	0.286	0 B	0B	0B	23
24	0B	0B	0B	0B	0.035B	0.403	0.602	0.555	0.272	0 B	0B	0B	24
25	0B	0B	0B	0B	0.070B	0.340	0.578	0.531	0.254	0 B	0B	0B	25
26	0B	0B	0B	0B	0.170B	0.290	0.653	0.505	0.260	0 B	0B	0B	26
27	0B	0B	0B	0B	0.520B	0.280	0.710	0.489	0.251	0 B	0B	0B	27
28	0B	0B	0B	0B	4.50 B	0.240	0.726	0.478	0.246B	0 B	0B	0B	28
29	0B		0B	0B	6.80 B	0.198	0.658	0.469	0.235B	0 B	0B	0B	29
30	0B		0B	0B	7.20 B	1.15	0.557	0.453	0.158B	0 B	0B	0B	30
31	0B		0B		6.50 B		0.562	0.411		0 B		0B	31
TOTAL	0	0	0	0	25.819	65.618	35.350	22.718	7.688	0.619	0	0	TOTAL
MEAN	0	0	0	0	0.833	2.19	1.14	0.733	0.256	0.020	0	0	MEAN
MAX	0	0	0	0	7.20	5.81	2.58	1.56	0.404	0.116	0	0	MAX
MIN	0	0	0	0	0	0.198	0.557	0.411	0.157	0	0	0	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.432
MAXIMUM DAILY, 7.20B ON MAY 30
MINIMUM DAILY, 0B ON JAN 1

SUMMARY FOR THE YEAR 1981

TYPE OF GAUGE - RECORDING
LOCATION - LAT 68 44 20 N
LONG 133 29 00 W
DRAINAGE AREA, 62.9 km²

B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	0	JUL	3 050
FEB	0	AUG	1 960
MAR	0	SEP	664
APR	0	OCT	53.5
MAY	2 230	NOV	0
JUN	5 670	DEC	0

TOTAL DISCHARGE, 13 600 dam³

SAQVAQJUAC RIVER ABOVE SAQVAQJUAC INLET - STATION NO. 060A005

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1981

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	---	---	---	0	31.1	3.89	---	---	---	---	1
2	---	---	---	---	---	0	28.3	3.74	---	---	---	---	2
3	---	---	---	---	---	0	26.4	3.48	---	---	---	---	3
4	---	---	---	---	---	0	24.4	3.25	---	---	---	---	4
5	---	---	---	---	---	0	22.8	3.08	---	---	---	---	5
6	---	---	---	---	---	0	20.9	2.99	---	---	---	---	6
7	---	---	---	---	---	0	19.4	2.86	---	---	---	---	7
8	---	---	---	---	---	0	17.9	2.72	---	---	---	---	8
9	---	---	---	---	---	0.003E	16.3	2.67	---	---	---	---	9
10	---	---	---	---	---	0.800E	14.8	2.51	---	---	---	---	10
11	---	---	---	---	---	1.00 E	14.0	2.44	---	---	---	---	11
12	---	---	---	---	---	3.90 E	12.9	2.12	---	---	---	---	12
13	---	---	---	---	---	14.7 E	12.1	2.04	---	---	---	---	13
14	---	---	---	---	---	25.6 E	11.6	2.09	---	---	---	---	14
15	---	---	---	---	---	38.5 E	11.0	1.99	---	---	---	---	15
16	---	---	---	---	---	53.5 E	10.3	1.94	---	---	---	---	16
17	---	---	---	---	---	66.9 A	9.88	1.77	---	---	---	---	17
18	---	---	---	---	---	79.4 A	9.10	1.69	---	---	---	---	18
19	---	---	---	---	---	73.3 A	8.82	1.57	---	---	---	---	19
20	---	---	---	---	---	61.0 A	8.22	1.50	---	---	---	---	20
21	---	---	---	---	---	55.2 A	7.77	1.57	---	---	---	---	21
22	---	---	---	---	---	50.2 A	7.32	1.49	---	---	---	---	22
23	---	---	---	---	---	45.5	6.68	1.34	---	---	---	---	23
24	---	---	---	---	---	45.4	6.05	1.34	---	---	---	---	24
25	---	---	---	---	---	42.6	5.60	1.29	---	---	---	---	25
26	---	---	---	---	---	42.7	5.26	1.21	---	---	---	---	26
27	---	---	---	---	---	40.5	4.90	1.18	---	---	---	---	27
28	---	---	---	---	---	39.3	4.75	1.12	---	---	---	---	28
29	---		---	---	---	36.5	4.58	1.06	---	---	---	---	29
30	---		---	---	---	33.4	4.18	0.993		---	---	---	30
31	---		---		---		4.06	0.969		---		---	31
TOTAL	---	---	---	---	---	849.703	391.33	63.902	---	---	---	---	TOTAL
MEAN	---	---	---	---	---	28.3	12.6	2.06	---	---	---	---	MEAN
MAX	---	---	---	---	---	79.4	31.1	3.89	---	---	---	---	MAX
MIN	---	---	---	---	---	0	4.06	0.969	---	---	---	---	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MAXIMUM DAILY, 79.4A ON JUN 18
MINIMUM DAILY, 0 ON JUN 1
MAXIMUM INSTANTANEOUS,
85.4 AT 23:00 CST ON JUN 18

DATA CONTRIBUTED BY -
FRESHWATER INSTITUTE (DFO) (CANADA)

SUMMARY FOR THE MONTHS MAY TO SEP

TYPE OF GAUGE - RECORDING
LOCATION - LAT 63 42 02 N
LONG 90 37 12 W
DRAINAGE AREA, 607 km²
A - MANUAL GAUGE

E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	33 800
FEB	---	AUG	5 520
MAR	---	SEP	---
APR	---	OCT	---
MAY	---	NOV	---
JUN	73 400	DEC	---

SIURAQ CREEK NEAR OUTLET TO KAZAN RIVER - STATION NO. 06LC003

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1981

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	0B	0B	0B	---	---	6.95	---	---	---	---	1
2	---	---	0B	0B	0B	---	---	6.79	---	---	---	---	2
3	---	---	0B	0B	0B	---	---	6.36	---	---	---	---	3
4	---	---	0B	0B	0B	---	---	5.95	---	---	---	---	4
5	---	---	0B	0B	0B	---	---	5.92	---	---	---	---	5
6	---	---	0B	0B	0B	---	---	5.57	---	---	---	---	6
7	---	---	0B	0B	0B	---	---	5.32	---	---	---	---	7
8	---	---	0B	0B	0B	---	---	5.11	---	---	---	---	8
9	---	---	0B	0B	0B	---	---	5.24	---	---	---	---	9
10	---	---	0B	0B	0B	---	---	4.98	---	---	---	---	10
11	---	---	0B	0B	0B	---	---	4.61	---	---	---	---	11
12	---	---	0B	0B	0B	---	---	4.51	---	---	---	---	12
13	---	---	0B	0B	0B	---	---	4.28	---	---	---	---	13
14	---	---	0B	0B	0B	---	---	4.15	---	---	---	---	14
15	---	---	0B	0B	0B	---	---	4.11	---	---	---	---	15
16	---	---	0B	0B	0B	---	---	3.75	---	---	---	---	16
17	---	---	0B	0B	0B	---	---	3.42	---	---	---	---	17
18	---	---	0B	0B	0B	---	---	3.55	---	---	---	---	18
19	---	---	0B	0B	0B	---	20.5 A	3.38	---	---	---	---	19
20	---	---	0B	0B	0B	---	18.7	3.15	---	---	---	---	20
21	---	---	0B	0B	0B	---	17.4	3.04	---	---	---	---	21
22	---	---	0B	0B	0B	---	16.0	3.00	---	---	---	---	22
23	---	---	0B	0B	0B	---	15.0	2.43	---	---	---	---	23
24	---	---	0B	0B	0B	---	13.9	2.58	---	---	---	---	24
25	---	---	0B	0B	0B	---	12.5	2.18	---	---	---	---	25
26	---	---	0B	0B	---	---	11.8	2.20	---	---	---	---	26
27	---	---	0B	0B	---	---	10.9	2.25	---	---	---	---	27
28	---	---	0B	0B	---	---	9.95	2.27	---	---	---	---	28
29	---		0B	0B	---	---	9.19	2.42	---	---	---	---	29
30	---		0B	0B	---	---	8.27	2.23A	---	---	---	---	30
31	---		0B		---		7.54	2.14E		---		---	31
TOTAL	---	---	0	0	---	---	---	123.84	---	---	---	---	TOTAL
MEAN	---	---	0	0	---	---	---	3.99	---	---	---	---	MEAN
MAX	---	---	0	0	---	---	---	6.95	---	---	---	---	MAX
MIN	---	---	0	0	---	---	---	2.14	---	---	---	---	MIN

SUMMARY FOR THE MONTHS MAR TO OCT

DISCHARGES IN CUBIC METRES PER SECOND

MINIMUM DAILY, 0B ON MAR 1

TYPE OF GAUGE - RECORDING
LOCATION - LAT 62 38 00 N
LONG 98 32 00 W
DRAINAGE AREA, 1 490 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	---
FEB	---	AUG	10 700
MAR	0	SEP	---
APR	0	OCT	---
MAY	---	NOV	---
JUN	---	DEC	---

REMARKS - ADDITIONAL RECORD MAY BE OBTAINED FROM HISTORIC FILES

SLOAN RIVER NEAR THE MOUTH - STATION NO. 10JE001

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1981

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	---	---	---	44.3	51.7	27.2	14.2	20.8	15.6 B	6.70B	1
2	---	---	---	---	---	47.5	49.6	25.8	14.1	21.8	15.0 B	6.55B	2
3	---	---	---	---	---	52.7	47.2	25.8	13.9	23.2	14.7 B	6.38B	3
4	---	---	---	---	---	58.7	46.8	24.1	13.5	24.2	14.2 B	6.20B	4
5	---	---	---	---	---	63.6	47.3	23.4	13.5	25.3	13.7 B	6.01B	5
6	---	---	---	---	---	68.9	46.5	22.9	13.6	26.6	13.2 B	5.94B	6
7	---	---	---	---	---	74.6	46.6	22.4	13.6	27.8	12.8 B	5.80B	7
8	---	---	---	---	---	79.2	46.4	21.9	13.6	28.5	12.5 B	5.65B	8
9	---	---	---	---	---	84.6	46.4	21.7	14.1	29.1	12.0 B	5.53B	9
10	---	---	---	---	---	88.1	46.5	20.8	14.2	29.5	11.8 B	5.41B	10
11	---	---	---	---	8.53	90.3	46.8	20.0	14.3	29.5	11.4 B	5.30B	11
12	---	---	---	---	8.14	90.2	46.3	19.7	14.5	29.7	11.0 B	5.20B	12
13	---	---	---	---	7.94	89.0	44.9	18.9	15.0	29.9	10.6 B	5.09B	13
14	---	---	---	---	8.68	85.0	43.6	18.5	15.5	29.9	10.4 B	4.99B	14
15	---	---	---	---	8.70	82.8	42.9	17.9	15.9	30.1	10.1 B	4.89B	15
16	---	---	---	---	8.55	80.3	41.3	17.3	15.9	30.3	9.80B	4.75B	16
17	---	---	---	---	8.45	77.0	39.9	16.7	16.1	29.3	9.50B	4.67B	17
18	---	---	---	---	7.85	74.6	39.1	16.3	16.4	26.9	9.30B	4.55B	18
19	---	---	---	---	7.08	72.7	38.1	16.1	16.7	25.5B	9.00B	4.49B	19
20	---	---	---	---	11.7	70.2	37.1	16.1	16.8	24.4B	8.80B	4.39B	20
21	---	---	---	---	14.8	68.8	35.9	17.5	17.1	23.4B	8.55B	4.30B	21
22	---	---	---	---	16.6	64.9	34.9	17.3	18.0	22.3B	8.35B	4.20B	22
23	---	---	---	---	17.3	62.1	34.1	16.9	18.5	21.5B	8.15B	4.11B	23
24	---	---	---	---	21.7	60.0	33.4	16.7	18.6	20.5B	7.90B	4.05B	24
25	---	---	---	---	27.7	61.3	32.7	16.4	18.4	19.9B	7.70B	3.99B	25
26	---	---	---	---	33.2	59.9	31.9	16.3	18.6	19.1B	7.54B	3.89B	26
27	---	---	---	---	40.3	58.7	30.8	16.1	19.0	18.5B	7.34B	3.81B	27
28	---	---	---	---	40.7	56.9	29.5	15.6	19.3	17.8B	7.20B	3.75B	28
29	---		---	---	39.9	55.7	28.9	15.2	19.6	17.2B	7.00B	3.69B	29
30	---		---	---	40.5	53.4	27.7	14.8	20.1	16.6B	6.80B	3.61B	30
31	---		---		41.9		27.6	14.4		16.0B		3.56B	31
TOTAL	---	---	---	---	---	2 076.0	1 242.4	590.7	482.6	755.1	311.93	151.45	TOTAL
MEAN	---	---	---	---	---	69.2	40.1	19.1	16.1	24.4	10.4	4.89	MEAN
MAX	---	---	---	---	---	90.3	51.7	27.2	20.1	30.3	15.6	6.70	MAX
MIN	---	---	---	---	---	44.3	27.6	14.4	13.5	16.0	6.80	3.56	MIN

SUMMARY FOR THE YEAR 1981

DISCHARGES IN CUBIC METRES PER SECOND

MAXIMUM DAILY, 90.3 ON JUN 11

TYPE OF GAUGE - RECORDING
LOCATION - LAT 66 31 31 N
LONG 117 15 34 W
DRAINAGE AREA, 3 000 km²

B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	107 000
FEB	---	AUG	51 000
MAR	---	SEP	41 700
APR	---	OCT	65 200
MAY	---	NOV	27 000
JUN	179 000	DEC	13 100

NORTHWEST TERRITORIES

SNOWDRIFT RIVER AT OUTLET OF SILTAZA LAKE - STATION NO. 07QB002

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1981

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	9.53B	7.83B	6.75B	6.26B	5.97E	153	72.5	74.9	45.6	44.8	33.3	24.2	1
2	9.45B	7.77B	6.74B	6.25B	5.98E	142	71.8	73.8	44.9	44.7	33.2	23.9	2
3	9.39B	7.71B	6.71B	6.25B	6.00E	137	70.9	72.9	44.6	44.2	33.0	23.6	3
4	9.28B	7.65B	6.71B	6.25B	6.20E	132	69.9	71.7	44.8	43.9	32.7	23.3	4
5	9.20B	7.63B	6.71B	6.24B	6.60E	128	70.0	71.2	45.0	43.7	32.3	23.1	5
6	9.17B	7.58B	6.72B	6.22B	7.30A	123	69.9	70.3	45.2	43.5	31.4	22.9	6
7	9.06B	7.57B	6.73B	6.20B	8.82	119	69.1	69.9	45.2	43.2	31.3	22.6	7
8	9.04B	7.47B	6.73B	6.22B	10.5	115	69.3	69.2	45.1	43.1	31.0	22.4	8
9	9.02B	7.44B	6.69B	6.22B	12.2	111	69.4	68.1	45.4	42.6	30.5	22.0	9
10	8.98B	7.44B	6.67B	6.22B	13.8	107	70.0	66.8	46.1	42.5	30.1	21.9	10
11	8.85B	7.39B	6.63B	6.21B	15.6	104	71.3	65.5	45.8	42.0	29.8	21.8	11
12	8.77B	7.31B	6.55B	6.15B	18.7	103	73.0	65.2	46.1	41.6	29.3	21.6	12
13	8.75B	7.28B	6.53B	6.14B	24.6	102	75.7	64.1	46.3	41.6	29.1	21.3	13
14	8.73B	7.22B	6.55B	6.09B	34.9	100	78.7	62.7	46.4	41.4	28.8	21.2	14
15	8.64B	7.16B	6.54B	6.07B	46.9	99.4	81.5	61.7	46.7	41.9	28.5	21.3	15
16	8.59B	7.13B	6.55B	6.04B	57.1	97.7	84.0	60.8	46.8	41.5	28.1	21.1	16
17	8.59B	7.14B	6.52B	6.06B	63.4	95.6	86.5	59.6	47.4	40.8	27.6	20.9	17
18	8.52B	7.10B	6.47B	6.03B	70.8	93.6	87.6	58.8	48.0	39.7	27.0	20.7	18
19	8.42B	7.07B	6.44B	6.02B	80.6	91.6	87.2	57.4	48.4	37.7	26.6	20.5	19
20	8.35B	7.04B	6.46B	6.02B	94.0	89.6	87.0	55.8	47.9	35.0	26.4	20.4	20
21	8.32B	7.02B	6.39B	6.00B	115	87.4	87.4	55.2	47.7	33.1	26.1	20.2	21
22	8.29B	7.00B	6.36B	5.97B	142	85.1	87.8	54.4	47.6	31.5	26.0	20.0	22
23	8.24B	6.97B	6.34B	5.97B	170	82.8	86.7	52.4	47.3	31.6	25.9	19.7	23
24	8.26B	6.95B	6.29B	6.03E	190	80.1	85.7	51.9	47.1	31.9	25.7	19.4	24
25	8.24B	6.94B	6.30B	6.00E	198	78.5	84.5	51.0	46.9	32.4	25.5	19.1B	25
26	8.15B	6.90B	6.31B	5.97E	203	77.7	83.3	49.9	46.7	32.7	25.2	18.9B	26
27	8.13B	6.85B	6.31B	5.95E	203	76.0	82.0	48.9	46.1	33.1	24.9	18.6B	27
28	8.07B	6.80B	6.36B	5.94E	195	75.0	80.8	47.8	45.5	33.2	24.7	18.5B	28
29	8.03B		6.36B	5.95E	186	74.0	78.5	46.8	44.7	33.0	24.5	18.1B	29
30	8.01B		6.29B	5.96E	176	73.4	77.1	46.1	44.6	33.2	24.3	17.7B	30
31	7.90B		6.25B		164		75.4	45.6		33.1		17.6B	31
TOTAL	267.93	203.36	201.96	182.90	2 531.97	3 033.5	2 424.5	1 870.4	1 385.9	1 198.2	852.8	648.5	TOTAL
MEAN	8.64	7.26	6.51	6.10	81.7	101	78.2	60.3	46.2	38.7	28.4	20.9	MEAN
MAX	9.53	7.83	6.75	6.26	203	153	87.8	74.9	48.4	44.8	33.3	24.2	MAX
MIN	7.90	6.80	6.25	5.94	5.97	73.4	69.1	45.6	44.6	31.5	24.3	17.6	MIN

SUMMARY FOR THE YEAR 1981

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 80.6
MAXIMUM DAILY, 203 ON MAY 26
MINIMUM DAILY, 5.94E ON APR 28

TYPE OF GAUGE - RECORDING
LOCATION - LAT 62 10 30 N
LONG 109 51 10 W
DRAINAGE AREA, 5 980 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	23 100	JUL	209 000
FEB	17 600	AUG	162 000
MAR	17 400	SEP	120 000
APR	15 800	OCT	104 000
MAY	219 000	NOV	73 700
JUN	262 000	DEC	56 000

TOTAL DISCHARGE, 1 280 000 dam³

SOUTH NAHANNI RIVER ABOVE CLAUSEN CREEK - STATION NO. 10EC001

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1981

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	111 B	77.0B	56.5B	57.0B	75.0B	1 200E	691	579	433	281	100B	109B	1
2	110 B	76.0B	56.5B	57.0B	79.0B	1 100E	639	568	429	284	100B	109B	2
3	110 B	75.0B	56.5B	57.0B	83.0B	960E	642	535	405	272	100B	108B	3
4	109 B	73.0B	56.5B	57.0B	90.0B	820E	709	509	384	259	102B	108B	4
5	109 B	72.0B	56.5B	58.0B	104 B	840E	719	494	362	242	103B	108B	5
6	108 B	71.0B	56.5B	58.0B	120 B	945A	685	510	354	224	105B	107B	6
7	108 B	70.0B	56.5B	58.0B	135 B	1 100	651	571	348	219	106B	107B	7
8	107 B	69.0B	56.5B	58.0B	155 B	1 760	623	601	342	215	108B	106B	8
9	107 B	68.0B	56.5B	58.0B	175 B	1 640	599	571	359	214	109B	106B	9
10	106 B	67.0B	56.5B	58.0B	200 B	1 430	589	539	528	219	110B	106B	10
11	106 B	66.0B	56.5B	58.0B	230 E	1 250	580	521	601	213	111B	106B	11
12	106 B	66.0B	56.5B	58.0B	260 E	1 080	588	500	590	207	112B	105B	12
13	104 B	65.0B	56.5B	58.0B	295 E	1 000	659	471	570	202	113B	105B	13
14	102 B	64.0B	56.5B	58.0B	340 E	1 010	718	456	553	200	114B	105B	14
15	101 B	63.0B	56.5B	58.0B	400 E	1 000	671	444	531	209	114B	105B	15
16	99.0B	62.0B	56.5B	59.0B	520 E	1 040	620	426	493	216	114B	105B	16
17	97.0B	61.0B	56.5B	59.0B	660 E	1 010	622	404	456	244	114B	104B	17
18	96.0B	60.0B	56.5B	59.0B	800 E	889	645	381	438	310	[illegible]	104B	18
19	95.0B	60.0B	56.5B	60.0B	1 040 A	801	665	362	433	304	1 [illegible]	103B	19
20	93.0B	60.0B	56.5B	61.0B	1 140	831	677	346	423	274	114[illegible]	103B	20
21	91.0B	59.0B	56.5B	61.0B	1 150	928	663	332	415	240	114B	103B	21
22	90.0B	58.0B	56.5B	62.0B	1 220	859	646	336	397	200	112B	102B	22
23	88.0B	57.0B	56.5B	63.0B	1 430	806	661	340	375	175	112B	102B	23
24	87.0B	56.4B	56.5B	63.0B	1 460	831	647	343	356	165B	112B	101B	24
25	85.0B	56.5B	56.5B	64.0B	1 280	800	647	332	338	150B	111B	101B	25
26	84.0B	56.5B	56.5B	65.0B	1 310	720	605	313	323	135B	111B	101B	26
27	83.0B	56.5B	56.5B	66.0B	1 520	680	583	317	310	125B	110B	101B	27
28	81.0B	56.5B	56.5B	67.0B	1 450 E	671	602	535	299	118B	110B	101B	28
29	80.0B		56.5B	69.0B	1 400 E	694	623	510	293	108B	110B	100B	29
30	79.0B		56.7B	71.0B	1 380 E	722	598	488	283	105B	110B	100B	30
31	78.0B		57.0B		1 370 E		575	445		102B		100B	31
TOTAL	3 010.0	1 801.4	1 752.2	1 815.0	21 871.0	29 417	19 842	14 079	12 421	6 431	3 289	3 231	TOTAL
MEAN	97.1	64.3	56.5	60.5	706	981	640	454	414	207	110	104	MEAN
MAX	111	77.0	57.0	71.0	1 520	1 760	719	601	601	310	114	109	MAX
MIN	78.0	56.4	56.5	57.0	75.0	671	575	313	283	102	100	100	MIN

SUMMARY FOR THE YEAR 1981

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 326
MAXIMUM DAILY, 1 760 ON JUN 8
MINIMUM DAILY, 56.4B ON FEB 24
MAXIMUM INSTANTANEOUS,
1 830 AT 12:37 MST ON JUN 8

TYPE OF GAUGE - RECORDING
LOCATION - LAT 61 15 10 N
LONG 124 02 10 W
DRAINAGE AREA, 33 400 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	260 000	JUL	1 710 000
FEB	156 000	AUG	1 220 000
MAR	151 000	SEP	1 070 000
APR	157 000	OCT	556 000
MAY	1 890 000	NOV	284 000
JUN	2 540 000	DEC	279 000

TOTAL DISCHARGE, 10 300 000 dam³

SOUTH NAHANNI RIVER ABOVE VIRGINIA FALLS - STATION NO. 10EB001

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1981

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	40.0B	31.0B	26.0B	27.5B	44.3B	1 260	411	372	189	162	45.0B	53.3B	1
2	40.0B	31.0B	26.0B	27.9B	48.6B	1 090	386	355	183	158	44.0B	53.0B	2
3	40.0B	30.5B	26.0B	28.0B	53.2B	823	430	331	180	156	44.0B	53.0B	3
4	39.0B	30.0B	26.0B	28.0B	58.7B	684	490	317	171	149	45.0B	52.5B	4
5	39.0B	30.0B	26.0B	28.0B	65.1B	575	483	311	163	141	46.0B	52.0B	5
6	39.0B	30.0B	26.0B	28.0B	73.0B	626	451	351	159	134	47.0B	52.0B	6
7	39.0B	29.5B	26.5B	28.5B	85.8B	623	416	408	154	125	48.0B	51.5B	7
8	39.0B	29.0B	26.5B	28.5B	97.0B	719	388	408	154	122	48.5B	51.5B	8
9	39.0B	29.0B	26.5B	28.5B	114 B	777	373	375	200	127	49.0B	51.0B	9
10	39.0B	28.5B	26.5B	28.5B	149 B	708	371	356	268	128	50.0B	51.0B	10
11	39.0B	28.0B	26.5B	29.0B	161 B	610	367	341	295	125	50.5B	50.5B	11
12	39.0B	28.0B	26.5B	29.0B	198 B	555	403	316	298	123	51.0B	50.5B	12
13	38.5B	28.0B	26.5B	29.0B	255	529	476	303	301	120	52.0B	50.0B	13
14	38.5B	27.5B	26.5B	29.5B	289	533	476	295	311	117	52.5B	50.0B	14
15	38.3B	27.5B	27.0B	29.5B	298	558	420	284	290	117	53.0B	50.0B	15
16	38.0B	27.0B	27.0B	29.5B	279	537	402	269	263	127	53.0B	49.5B	16
17	38.0B	27.0B	27.0B	29.5B	281	492	423	251	247	187	53.5B	49.5B	17
18	38.0B	26.5B	27.0B	29.5B	316	428	448	237	245	203	53.5B	49.5B	18
19	37.0B	26.5B	27.0B	30.0B	393	391	465	223	241	191	53.5B	49.0B	19
20	36.0B	26.0B	27.0B	30.0B	476	410	465	214	237	175	54.0B	49.0B	20
21	36.0B	26.0B	27.0B	30.5B	574	436	429	213	232	160	54.0B	48.5B	21
22	35.0B	26.0B	27.0B	31.0B	632	416	397	222	220	125	54.0B	48.5B	22
23	35.0B	26.0B	27.0B	31.5B	878	425	395	226	207	101	54.0B	48.0B	23
24	34.0B	26.0B	27.0B	32.0B	907	466	430	220	197	89.0B	54.0B	48.0B	24
25	34.0B	26.0B	27.0B	33.0B	779	432	405	207	190	80.0B	54.0B	48.0B	25
26	33.0B	26.0B	27.5B	34.0B	921	383	383	199	183	70.0B	54.0B	47.5B	26
27	33.0B	26.0B	27.5B	35.0B	1 240	374	383	214	177	62.0B	53.5B	47.5B	27
28	33.0B	26.0B	27.5B	36.0B	1 370	396	409	235	171	55.0B	53.5B	47.0B	28
29	32.0B		27.5B	38.7B	1 340	442	409	249	168	50.0B	53.5B	47.0B	29
30	32.0B		27.5B	41.1B	1 390	457	384	233	164	48.0B	53.5B	47.0B	30
31	31.5B		27.5B		1 300		366	213		46.0B		46.5B	31
TOTAL	1 141.8	778.5	830.0	918.7	15 065.7	17 155	12 934	8 748	6 475	3 773.0	1 531.0	1 541.8	TOTAL
MEAN	36.8	27.8	26.8	30.6	486	572	417	282	216	122	51.0	49.7	MEAN
MAX	40.0	31.0	27.5	41.1	1 390	1 260	490	408	311	203	54.0	53.3	MAX
MIN	31.5	26.0	26.0	27.5	44.3	374	366	199	154	46.0	44.0	46.5	MIN

DISCHARGES IN CUBIC METRES PER SECOND

SUMMARY FOR THE YEAR 1981

MEAN, 194
MAXIMUM DAILY, 1 390 ON MAY 30
MINIMUM DAILY, 26.0B ON FEB 20
MAXIMUM INSTANTANEOUS,
1 410 AT 15:32 MST ON MAY 30

TYPE OF GAUGE - RECORDING
LOCATION - LAT 61 38 00 N
LONG 125 48 00 W
DRAINAGE AREA, 14 600 km²

B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	98 700	JUL	1 120 000
FEB	67 300	AUG	756 000
MAR	71 700	SEP	559 060
APR	79 400	OCT	326 000
MAY	1 300 000	NOV	132 000
JUN	1 480 000	DEC	133 000

TOTAL DISCHARGE, 6 120 000 dam³

SYLVIA GRINNELL RIVER NEAR FROBISHER BAY - STATION NO. 10TE001

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1981

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	---	---	---	---	254	57.8	43.6	---	---	---	1
2	---	---	---	---	---	---	229	53.8	89.5	---	---	---	2
3	---	---	---	---	---	---	203	52.6	101	---	---	---	3
4	---	---	---	---	---	---	195	51.9	97.2	---	---	---	4
5	---	---	---	---	---	---	186	53.6	87.6	---	---	---	5
6	---	---	---	---	---	---	188	60.9	77.4	-	---	---	6
7	---	---	---	---	---	---	176	62.5	72.6	---	---	---	7
8	---	---	---	---	---	---	148	60.4	71.0	---	---	---	8
9	---	---	---	---	---	---	135	57.1	82.4	---	---	---	9
10	---	---	---	---	---	---	129	52.7	130	---	---	---	10
11	---	---	---	---	---	---	124	48.9	133	---	---	---	11
12	---	---	---	---	---	---	120	46.1	103	---	---	---	12
13	---	---	---	---	---	---	111	46.7	84.3	---	---	---	13
14	---	---	---	---	---	---	101	46.9	72.2	---	---	---	14
15	---	---	---	---	---	---	93.3	44.5	64.5	---	---	---	15
16	---	---	---	---	---	---	86.8	42.1	59.6	---	---	---	16
17	---	---	---	---	---	---	83.4	40.0	56.9A	---	---	---	17
18	---	---	---	---	---	---	85.0	39.2	---	---	---	---	18
19	---	---	---	---	---	---	83.7	39.1	---	---	---	---	19
20	---	---	---	---	---	---	81.8	38.7	---	---	---	---	20
21	---	---	---	---	---	---	77.6	38.5	---	---	---	---	21
22	---	---	---	---	---	---	79.2	37.2	---	---	---	---	22
23	---	---	---	---	---	---	79.6	36.3	---	---	---	---	23
24	---	---	---	---	---	---	76.4	34.8	---	---	---	---	24
25	---	---	---	---	---	---	71.4	33.7	---	---	---	---	25
26	---	---	---	---	---	286A	67.0	34.3	---	---	---	---	26
27	---	---	---	---	---	257	62.7	35.1	---	---	---	---	27
28	---	---	---	---	---	279	59.3	35.6	---	---	---	---	28
29	---		---	---	---	339	57.0	35.6	---	---	---	---	29
30	---		---	---	---	301	56.5	35.9	---	---	---	---	30
31	---		---		---		59.4	35.1		---		---	31
TOTAL	---	---	---	---	---	---	3 559.1	1 387.6	---	---	---	---	TOTAL
MEAN	---	---	---	---	---	---	115	44.8	---	---	---	---	MEAN
MAX	---	---	---	---	---	---	254	62.5	---	---	---	---	MAX
MIN	---	---	---	---	---	---	56.5	33.7	---	---	---	---	MIN

DISCHARGES IN CUBIC METRES PER SECOND

SUMMARY FOR THE MONTHS JUN TO OCT

MAXIMUM INSTANTANEOUS,
382 AT 09:30 AST ON JUN 29

TYPE OF GAUGE - RECORDING
LOCATION - LAT 63 45 37 N
LONG 68 35 38 W
DRAINAGE AREA, 3 030 km²
A - MANUAL GAUGE

NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	308 000
FEB	---	AUG	120 000
MAR	---	SEP	---
APR	---	OCT	---
MAY	---	NOV	---
JUN	---	DEC	---

NORTHWEST TERRITORIES

TALTSON RIVER ABOVE PORTER LAKE OUTFLOW - STATION NO. 07QD004

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1981

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	34.0B	27.9B	22.0B	17.2B	16.9B	95.4	80.2	103	72.0	58.3	42.4	34.9B	1
2	33.9B	27.7B	21.8B	17.1B	17.0B	96.1	82.8	102	72.6	58.7	42.1	34.8B	2
3	33.7B	27.5B	21.7B	17.0B	17.3B	95.9	82.6	101	72.5	57.8	41.7	34.5B	3
4	33.5B	27.3B	21.5B	16.9B	18.0B	97.3	81.0	101	72.3	57.6	41.5	34.1B	4
5	33.3B	27.0B	21.3B	16.8B	19.1B	99.2	82.0	101	71.3	57.4	41.4	33.8B	5
6	33.1B	26.8B	21.2B	16.7B	21.3B	101	80.2	102	70.5	56.3	41.1	33.5B	6
7	33.0B	26.5B	21.1B	16.6B	23.4B	101	77.3	103	69.1	55.3	40.4	33.2B	7
8	32.9B	26.2B	21.0B	16.5B	24.6B	97.9	78.9	103	67.9	54.4	39.5	33.1B	8
9	32.8B	26.1B	20.8B	16.5B	25.5B	94.5	86.2	101	67.5	53.6	38.7	33.0B	9
10	32.7B	26.0B	20.7B	16.4B	26.5B	91.7	96.9	99.5	67.8	53.0	37.9	32.9B	10
11	32.6B	25.8B	20.6R	16.4B	28.9B	89.0	109	96.5	66.4	52.3	37.6	32.7B	11
12	32.5B	25.6B	20.5B	16.3B	33.4	85.9	117	94.6	66.6	51.7	37.4	32.6B	12
13	32.4B	25.5B	20.3B	16.2B	37.9	83.1	122	94.6	67.1	51.5	37.7	32.5B	13
14	32.2B	25.3B	20.1B	16.1B	41.5	79.9	123	93.6	67.1	51.6	38.1	32.4B	14
15	32.0B	25.0B	20.0B	16.1B	43.9	77.5	123	94.2	66.9	52.0	37.7B	32.2B	15
16	31.8B	24.8B	19.9B	16.1B	46.2	75.3	124	94.1	66.2	51.1	36.7B	32.1B	16
17	31.5B	24.7B	19.7B	16.2B	48.6	73.6	126	92.3	66.9	50.2	36.2B	32.2B	17
18	31.0B	24.5B	19.5B	16.2B	52.8	70.9	129	90.6	66.6	49.8	36.1B	32.3B	18
19	30.8B	24.3B	19.3B	16.3B	58.7	68.5	130	87.8	65.5	48.3	36.0B	32.2B	19
20	30.5B	24.0B	19.2B	16.4B	62.1	66.9	130	86.3	64.5	46.0	35.8B	32.1B	20
21	30.2B	23.8B	19.0B	16.5B	64.2	65.5	131	86.2	64.1	45.5	35.5B	32.0B	21
22	30.0B	23.5B	18.8B	16.5B	65.3	66.0	129	84.2	63.0	44.7	35.3B	31.8B	22
23	29.8B	23.2B	18.6B	16.6B	68.1	66.9	126	81.9	63.0	44.4	35.1B	31.5B	23
24	29.7B	23.1B	18.5B	16.6B	73.1	68.4	123	80.8	62.4	43.9	35.0B	31.2B	24
25	29.3B	23.0B	18.2B	16.7B	75.5	71.0	120	78.8	61.7	43.8	34.9B	30.9B	25
26	29.0B	22.8B	18.0B	16.7B	80.0	73.0	117	77.2	60.3	43.4	34.8B	30.6B	26
27	28.9B	22.7B	17.9B	16.8B	83.8	72.5	115	76.4	59.6	42.9	34.5B	30.3B	27
28	28.7B	22.5B	17.8B	16.8B	89.2	72.2	113	75.6	59.1	42.4	34.6B	30.0B	28
29	28.2B		17.5B	16.8B	91.1	72.5	108	72.9	58.3	42.3	34.7B	29.7B	29
30	28.1B		17.3B	16.9B	91.4	75.4	106	71.6	58.5	42.4	34.8B	29.5B	30
31	28.0B		17.2B		93.6		104	70.6		42.5		29.3B	31
TOTAL	970.1	703.1	611.0	496.9	1 538.9	2 444.0	3 353.1	2 797.3	1 977.3	1 545.1	1 125.2	997.9	TOTAL
MEAN	31.3	25.1	19.7	16.6	49.6	81.5	108	90.2	65.9	49.8	37.5	32.2	MEAN
MAX	34.0	27.9	22.0	17.2	93.6	101	131	103	72.6	58.7	42.4	34.9	MAX
MIN	28.0	22.5	17.2	16.1	16.9	65.5	77.3	70.6	58.3	42.3	34.5	29.3	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 50.8
MAXIMUM DAILY, 131 ON JUL 21
MINIMUM DAILY, 16.1B ON APR 14

SUMMARY FOR THE YEAR 1981

TYPE OF GAUGE - RECORDING
LOCATION - LAT 61 52 30 N
LONG 107 40 30 W
DRAINAGE AREA, 12 800 km²

B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	83 800	JUL	290 000
FEB	60 700	AUG	242 000
MAR	52 800	SEP	171 000
APR	42 900	OCT	133 000
MAY	133 000	NOV	97 200
JUN	211 000	DEC	86 200

TOTAL DISCHARGE, 1 600 000 dam³

TALTSON RIVER AT OUTLET OF TSU LAKE - STATION NO. 07QA001

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1981

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	99.6	97.3	90.8	85.5	96.7	159	148	190	224	213	196	178	1
2	98.1	97.3	90.6	86.4	98.4	160	145	194	224	213	195	177	2
3	98.5	96.9	90.4	86.3	101	161	143	197	224	212	193	177	3
4	99.4	96.4	90.4	84.4	108	160	145	199	223	211	194	176	4
5	100	96.6	90.7	82.1	117	159	149	201	224	210	194	175	5
6	101	96.5	90.8	81.7	126	157	150	203	224	210	193	172	6
7	102	96.1	90.7	83.2	133	156	151	207	223	208	190	172	7
8	103	95.6	90.4	84.3	139	156	150	212	222	208	189	173	8
9	102	94.5	89.8	84.9	144	156	151	213	221	208	189	173	9
10	102	93.7	89.2	85.2	148	157	151	214	223	207	187	172	10
11	102	92.8	88.2	85.1	151	158	152	215	224	207	185	172	11
12	102	92.2	86.8	84.8	153	159	153	* 217	224	207	184	172	12
13	102	91.8	85.6	84.6	155	159	152	* 218	223	206	183	172	13
14	102	91.7	85.0	83.4	158	159	153	219	223	205	183	171	14
15	102	91.5	84.4	82.1	158	158	154	221	223	206	183	170	15
16	102	90.7	84.2	81.9	159	157	156	221	222	206	182	169	16
17	101	89.9	84.2	81.7	159	157	157	221	221	206	182	169	17
18	99.2	89.7	84.2	80.8	159	157	159	221	221	205	182	168	18
19	98.9	89.2	84.0	79.5	156	157	160	222	221	204	182	167	19
20	99.6	89.2	83.1	79.9	154	155	162	223	218	204	182	166	20
21	99.9	89.7	83.2	81.1	156	153	163	226	217	204	182	167	21
22	100	90.6	83.9	80.8	158	151	165	227	217	203	182	169	22
23	99.7	91.4	84.9	80.0	160	150	166	227	217	203	181	170	23
24	99.5	91.7	85.8	79.5	161	148	167	227	217	202	181	170	24
25	99.1	92.0	86.5	80.5	162	148	169	227	216	201	180	168	25
26	89.1	91.8	86.0	82.7	162	148	172	227	216	200	180	166	26
27	99.1	91.7	83.6	86.0	162	149	177	228	215	199	180	164	27
28	98.8	91.1	81.4	88.7	161	149	181	227	213	198	179	164	28
29	98.5		81.3	91.4	160	149	183	225	213	198	179	164	29
30	97.7		82.7	93.8	161	149	185	224	213	197	179	166	30
31	97.4		84.0		161		187	224		197		166	31
TOTAL	3 105.1	2 599.6	2 676.8	2 512.3	4 537.1	4 651	4 956	6 717	6 606	6 358	5 551	5 275	TOTAL
MEAN	100	92.8	86.3	83.7	146	155	160	217	220	205	185	170	MEAN
MAX	103	97.3	90.8	93.8	162	161	187	228	224	213	196	178	MAX
MIN	97.4	89.2	81.3	79.5	96.7	148	143	190	213	197	179	164	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 152
MAXIMUM DAILY, 228 ON AUG 27
MINIMUM DAILY, 79.5 ON APR 19

SUMMARY FOR THE YEAR 1981

TYPE OF GAUGE - RECORDING
LOCATION - LAT 60 38 50 N
LONG 111 56 35 W

REGULATED

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	268 000	JUL	428 000
FEB	225 000	AUG	580 000
MAR	231 000	SEP	571 000
APR	217 000	OCT	549 000
MAY	392 000	NOV	480 000
JUN	402 000	DEC	456 000

TOTAL DISCHARGE, 4 800 000 dam³

THA-ANNE RIVER BELOW SOUTH HENIK LAKE - STATION NO. 06HD002

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1981

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	5.57B	1.64 B	0.630B	0.030B	0B	---	---	195	91.5	56.2	25.6 B	8.00B	1
2	5.39B	1.60 B	0.590B	0.020B	0B	---	---	188	86.7	45.2	24.7 B	7.70B	2
3	5.24B	1.55 B	0.560B	0.010B	0B	---	---	183	91.3	44.6	23.8 B	7.40B	3
4	5.09B	1.50 B	0.530B	0 B	0B	---	---	178	88.8	45.5	22.9 B	7.10B	4
5	4.91B	1.46 B	0.500B	0 B	0B	---	---	176	85.9	46.2	22.0 B	6.80B	5
6	4.73B	1.42 B	0.480B	0 B	0B	---	---	173	84.3	48.9	21.2 B	6.60B	6
7	4.58B	1.38 B	0.460B	0 B	---	---	---	174	83.7	51.6	20.4 B	6.30B	7
8	4.43B	1.34 B	0.430B	0 B	---	---	---	171	85.7	52.7	19.6 B	6.10B	8
9	4.28B	1.30 B	0.410B	0 B	---	---	---	172	83.4	50.9	18.9 B	5.80B	9
10	4.10B	1.26 B	0.390B	0 B	---	---	---	164	83.6	47.4	18.1 B	5.60B	10
11	3.92B	1.22 B	0.370B	0 B	---	---	---	162	84.5	47.2	17.5 B	5.40B	11
12	3.77B	1.18 B	0.350B	0 B	---	---	---	167	84.6	47.6	16.8 B	5.20B	12
13	3.62B	1.15 B	0.320B	0 B	---	---	281A	159	85.4	47.4	16.1 B	5.00B	13
14	3.47B	1.11 B	0.300B	0 B	---	---	281	154	86.0	47.7	15.4 B	4.80B	14
15	3.29B	1.07 B	0.280B	0 B	---	---	279	145	84.7	49.7	14.8 B	4.60B	15
16	3.14B	1.04 B	0.260B	0 B	---	---	272	136	81.0	48.1	14.3 B	4.50B	16
17	2.99B	1.01 B	0.250B	0 B	---	---	266	133	76.7	45.6	13.8 B	4.30B	17
18	2.84B	0.980B	0.240B	0 B	---	---	267	131	75.4	44.0B	13.3 B	4.20B	18
19	2.69B	0.950B	0.220B	0 B	---	---	261	127	77.3	42.4B	12.8 B	4.00B	19
20	2.54B	0.920B	0.200B	0 B	---	---	256	117	75.7	40.8B	12.3 B	3.80B	20
21	2.39B	0.890B	0.180B	0 B	---	---	248	115	70.2	39.3B	11.9 B	3.60B	21
22	2.24B	0.860B	0.160B	0 B	---	---	243	114	68.0	37.8B	11.5 B	3.40B	22
23	2.09B	0.820B	0.150B	0 B	---	---	238	109	65.5	36.4B	11.0 B	3.30B	23
24	1.98B	0.780B	0.130B	0 B	---	---	232	103	64.4	34.9B	10.5 B	3.20B	24
25	1.93B	0.750B	0.120B	0 B	---	---	233	104	64.0	33.4B	10.1 B	3.10B	25
26	1.89B	0.720B	0.100B	0 B	---	---	225	101	63.3	32.2B	9.70B	3.00B	26
27	1.85B	0.690B	0.080B	0 B	---	---	219	99.9	62.7	31.1B	9.40B	2.90B	27
28	1.80B	0.660B	0.070B	0 B	---	---	217	101	62.0	29.9B	9.10B	2.80B	28
29	1.76B		0.060B	0 B	---	---	215	102	60.0	28.8B	8.70B	2.70B	29
30	1.72B		0.050B	0 B	---	---	211	99.5	57.9	27.6B	8.30B	2.60B	30
31	1.68B		0.040B		---		201	95.1		26.5B		2.50B	31
TOTAL	101.92	31.250	8.910	0.060	---	---	---	4 348.5	2 314.2	1 307.6	464.50	146.30	TOTAL
MEAN	3.29	1.12	0.287	0.002	---	---	---	140	77.1	42.2	15.5	4.72	MEAN
MAX	5.57	1.64	0.630	0.030	---	---	---	195	91.5	56.2	25.6	8.00	MAX
MIN	1.68	0.660	0.040	0	---	---	---	95.1	57.9	26.5	8.30	2.50	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MINIMUM DAILY, 0B ON APR 4

SUMMARY FOR THE YEAR 1981

TYPE OF GAUGE - RECORDING
LOCATION - LAT 61 08 10 N
LONG 97 08 00 W
DRAINAGE AREA, 7 200 km²
A - MANUAL GAUGE
B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	8 810	JUL	---
FEB	2 700	AUG	376 000
MAR	770	SEP	200 000
APR	5.18	OCT	113 000
MAY	---	NOV	40 100
JUN	---	DEC	12 600

THELON RIVER ABOVE BAKER LAKE - STATION NO. 06MA003

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1981

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	358B	287B	240B	188B	175B	227B	2 280	1 400	890	702	373B	461B	1
2	355B	285B	238B	187B	175B	245B	2 220	1 380	895	688	338B	458B	2
3	351B	283B	236B	186B	175B	265B	2 170	1 360	888	672	366B	455B	3
4	347B	280B	235B	186B	175B	287B	2 110	1 340	881	687	470B	450B	4
5	344B	278B	233B	185B	175B	310B	2 070	1 320	870	681	525B	447B	5
6	342B	276B	231B	184B	175B	336B	2 020	1 290	860	677	545B	443B	6
7	340B	273B	230B	184B	175B	381B	1 980	1 270	841	673	550B	440B	7
8	337B	271B	227B	183B	175B	419B	1 930	1 260	828	674	550B	437B	8
9	335B	269B	225B	183B	175B	474B	1 880	1 250	815	672	545B	434B	9
10	333B	268B	223B	182B	175B	546B	1 870	1 230	806	672	540B	430B	10
11	331B	266B	222B	181B	175B	653B	1 840	1 200	799	665	537B	427B	11
12	329B	265B	221B	181B	175B	798B	1 830	1 170	792	662	533B	425B	12
13	327B	264B	219B	180B	175B	1 010B	1 800	1 160	782	662	528B	420B	13
14	325B	263B	218B	179B	175B	1 230B	1 800	1 160	776	564	524B	418B	14
15	323B	261B	216B	179B	175B	1 420B	1 790	1 150	779	661	520B	415B	15
16	320B	260B	215B	178B	175B	1 840B	1 760	1 120	777	655B	517B	410B	16
17	318B	259B	213B	177B	175B	2 280B	1 740	1 100	767	648B	512B	407B	17
18	316B	258B	211B	176B	175B	2 700B	1 710	1 090	768	642B	508B	404B	18
19	314B	256B	209B	176B	175B	2 790E	1 680	1 070	762	638B	504B	402B	19
20	311B	255B	207B	175B	175B	2 750E	1 650	1 070	762	625B	501B	400B	20
21	310B	253B	205B	175B	176B	2 700E	1 640	1 050	761	600B	498B	397B	21
22	308B	252B	204B	175B	178B	2 650E	1 620	1 030	755	550B	492B	392B	22
23	306B	250B	202B	175B	179B	2 620E	1 610	1 020	754	426B	488B	389B	23
24	304B	248B	201B	175B	181B	2 570E	1 580	989	752	418B	484B	387B	24
25	302B	247B	199B	175B	183B	2 510E	1 560	981	751	446B	482B	384B	25
26	300B	245B	198B	175B	185B	2 480E	1 520	980	737	404B	478B	380B	26
27	298B	243B	198B	175B	187B	2 450E	1 500	963	722	403B	475B	378B	27
28	296B	242B	196B	175B	189B	2 400E	1 470	944	717	431B	470B	374B	28
29	294B		195B	175B	192B	2 360E	1 440	926	717	463B	468B	372B	29
30	292B		193B	175B	204B	2 320A	1 430	920	711	492B	465B	369B	30
31	289B		192B		214B		1 410	898		430B		367B	31
TOTAL	9 955	7 357	6 652	5 380	5 568	46 021	54 910	35 091	23 715	18 383	14 786	12 772	TOTAL
MEAN	321	263	215	179	180	1 530	1 770	1 130	791	593	493	412	MEAN
MAX	358	287	240	188	214	2 790	2 280	1 400	895	702	550	461	MAX
MIN	289	242	192	175	175	227	1 410	898	711	403	338	367	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 659
MAXIMUM DAILY, 2 790E ON JUN 19
MINIMUM DAILY, 175B ON APR 20

SUMMARY FOR THE YEAR 1981

TYPE OF GAUGE - RECORDING
LOCATION - LAT 64 23 50 N
LONG 96 24 30 W
DRAINAGE AREA, 154 000 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	860 000	JUL	4 740 000
FEB	636 000	AUG	3 030 000
MAR	575 000	SEP	2 050 000
APR	465 000	OCT	1 590 000
MAY	481 000	NOV	1 280 000
JUN	3 980 000	DEC	1 100 000

TOTAL DISCHARGE, 20 800 000 dam³

NORTHWEST TERRITORIES

THELON RIVER ABOVE BEVERLY LAKE - STATION NO. 06JC002

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1981

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	40.0B	32.0B	30.0B	30.0B	30.0B	50.0B	679	393	246	---	---	---	1
2	40.0B	32.0B	30.0B	30.0B	30.0B	70.0B	674	385	254	---	---	---	2
3	40.0B	32.0B	30.0B	30.0B	30.0B	90.0B	677	378	264	---	---	---	3
4	40.0B	32.0B	30.0B	30.0B	30.0B	120 B	687	369	270	---	---	---	4
5	40.0B	32.0B	30.0B	30.0B	30.0B	210 B	679	362	277	---	---	---	5
6	39.0B	31.0B	30.0B	30.0B	30.0B	360 B	685	358	285	---	---	---	6
7	39.0B	31.0B	30.0B	30.0B	30.0B	510 B	659	351	289	---	---	---	7
8	39.0B	31.0B	30.0B	30.0B	30.0B	630 B	629	350	292	---	---	---	8
9	38.0B	31.0B	30.0B	30.0B	30.0B	740 B	656	348	291	---	---	---	9
10	38.0B	31.0B	30.0B	30.0B	30.0B	850 B	695	340	292	---	---	---	10
11	37.0B	31.0B	30.0B	30.0B	30.0B	960 B	721	333	292	---	---	---	11
12	37.0B	31.0B	30.0B	30.0B	30.0B	1 070 B	738	335	292	---	---	---	12
13	37.0B	31.0B	30.0B	30.0B	30.0B	1 170 E	751	323	290	---	---	---	13
14	36.0B	31.0B	30.0B	30.0B	30.0B	1 230 E	744	310	288	---	---	---	14
15	36.0B	31.0B	30.0B	30.0B	30.0B	1 200 E	718	302	---	---	---	---	15
16	36.0B	31.0B	30.0B	30.0B	30.0B	1 170 E	686	296	---	---	---	---	16
17	35.0B	31.0B	30.0B	30.0B	30.1B	1 110 A	651	295	---	---	---	---	17
18	35.0B	31.0B	30.0B	30.0B	30.2B	1 070	634	286	---	---	---	---	18
19	35.0B	31.0B	30.0B	30.0B	30.3B	1 030	610	283	---	---	---	---	19
20	34.0B	31.0B	30.0B	30.0B	30.4B	996	587	269	---	---	---	---	20
21	34.0B	31.0B	30.0B	30.0B	30.5B	957	562	268	---	---	---	---	21
22	34.0B	31.0B	30.0B	30.0B	30.6B	898	542	265	---	---	---	---	22
23	34.0B	31.0B	30.0B	30.0B	30.7B	875	523	264	---	---	---	---	23
24	34.0B	31.0B	30.0B	30.0B	30.8B	853	506	261	---	---	---	---	24
25	33.0B	31.0B	30.0B	30.0B	31.0B	819	494	257	---	---	---	---	25
26	33.0B	30.0B	30.0B	30.0B	32.0B	791	479	253	---	---	---	---	26
27	33.0B	30.0B	30.0B	30.0B	33.0B	767	459	251	---	---	---	---	27
28	33.0B	30.0B	30.0B	30.0B	34.0B	739	436	247	---	---	---	---	28
29	33.0B		30.0B	30.0B	36.0B	717	437	247	---	---	---	---	29
30	33.0B		30.0B	30.0B	38.0B	694	419	244	---	---	---	---	30
31	32.0B		30.0B		40.0B		406	243		---		---	31
TOTAL	1 117.0	870.0	930.0	900.0	967.6	22 746.0	18 823	9 466	---	---	---	---	TOTAL
MEAN	36.0	31.1	30.0	30.0	31.2	758	607	305	---	---	---	---	MEAN
MAX	40.0	32.0	30.0	30.0	40.0	1 230	751	393	---	---	---	---	MAX
MIN	32.0	30.0	30.0	30.0	30.0	50.0	406	243	---	---	---	---	MIN

SUMMARY FOR THE YEAR 1981

DISCHARGES IN CUBIC METRES PER SECOND

MAXIMUM DAILY, 1 230E ON JUN 14
MINIMUM DAILY, 30.0B ON FEB 26

TYPE OF GAUGE - RECORDING
LOCATION - LAT 64 32 10 N
LONG 101 23 50 W
DRAINAGE AREA, 65 300 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	96 500	JUL	1 630 000
FEB	75 200	AUG	818 000
MAR	80 400	SEP	---
APR	77 800	OCT	---
MAY	83 600	NOV	---
JUN	1 970 000	DEC	---

REMARKS - ADDITIONAL RECORD MAY BE OBTAINED FROM HISTORIC FILES

THLEWIAZA RIVER BELOW SEALHOLE LAKE - STATION NO. 06HB002

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1981

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	153B	132B	115 B	97.4B	83.2B	89.0B	218E	296	255	223	192B	170B	1
2	152B	131B	114 B	96.7B	82.6B	92.5B	219E	286	262	223	192B	169B	2
3	151B	130B	113 B	96.0B	82.4B	97.0B	219E	286	259	224	191B	168B	3
4	150B	129B	112 B	95.5B	82.0B	102 B	219E	286	260	224	190B	167B	4
5	150B	129B	112 B	95.0B	81.6B	108 B	222E	286	260	221	189E	167B	5
6	149B	128B	111 B	94.5B	81.5B	115 B	225E	285	257	219	188B	166B	6
7	149B	128B	110 B	94.0B	81.4B	124 B	229E	280	254	216	188B	165B	7
8	148B	127B	110 B	93.5B	81.3B	133 B	232E	281	250	213	187B	164B	8
9	148B	127B	109 B	93.0B	81.2B	143 B	236E	281	249	210	186B	164B	9
10	147B	126B	109 B	92.5B	81.1B	150 B	245E	284	247	208	185B	163B	10
11	146B	125B	108 B	92.0B	81.0B	159 B	250E	276	245	209	185B	162B	11
12	146B	125B	108 B	91.5B	80.9B	168 B	256A	276	243	210	184B	161B	12
13	145B	124B	107 B	91.0B	80.8B	178 E	267	272	239	209	183B	160B	13
14	145B	123B	106 B	90.5B	80.7B	178 E	267	274	237	209	183B	160B	14
15	144B	123B	105 B	90.0B	80.6B	182 E	269	275	236	209	182B	159B	15
16	144B	122B	105 B	89.6B	80.5B	184 E	272	275	238	208	181B	158B	16
17	143B	122B	104 B	89.3B	80.5B	187 E	273	274	242	207	180B	158B	17
18	142B	121B	104 B	88.9B	81.0B	188 E	271	274	240	205	179B	157B	18
19	141B	120B	103 B	88.5B	81.0B	191 E	268	269	236	204B	178B	156B	19
20	141B	120B	103 B	88.0B	81.0B	192 E	272	270	234	203B	177B	156B	20
21	140B	119B	103 B	87.5B	81.0B	193 E	280	275	237	202B	177B	155B	21
22	139B	119B	102 B	87.0B	81.3B	194 E	279	272	239	201B	176B	155B	22
23	138B	118B	102 B	86.5B	81.7B	197 E	278	269	237	200B	175B	154B	23
24	138B	118B	101 B	86.0B	82.0B	200 E	274	271	234	199B	175B	154B	24
25	137B	117B	101 B	85.6B	82.3B	201 E	275	266	232	198B	174B	153B	25
26	136B	117B	100 B	85.2B	82.6B	204 E	282	264	229	197B	173B	153B	26
27	135B	116B	99.6B	84.8B	82.9B	207 E	281	265	225	196B	173B	152B	27
28	134B	115B	99.2B	84.4B	83.3B	208 E	282	262	221	195B	172B	152B	28
29	134B		98.8B	84.0B	83.7B	208 E	278	256	221	194B	171B	151B	29
30	133B		98.4B	83.6B	84.0B	211 E	282	252	222	194B	170B	150B	30
31	133B		98.0B		85.7B		285	254		193B		150B	31
TOTAL	4 431	3 451	3 271.0	2 702.0	2 537.0	4 983.5	8 005	8 482	7 240	6 423	5 436	4 929	TOTAL
MEAN	143	123	106	90.1	81.8	166	258	274	241	207	181	159	MEAN
MAX	153	132	115	97.4	85.7	211	285	286	262	224	192	170	MAX
MIN	133	115	98.0	83.6	80.5	89.0	218	252	221	193	170	150	MIN

SUMMARY FOR THE YEAR 1981

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 170
MAXIMUM DAILY, 286 ON AUG 1
MINIMUM DAILY, 80.5B ON MAY 16
MAXIMUM INSTANTANEOUS,
290 AT 18:10 CST ON AUG 6

TYPE OF GAUGE - RECORDING
LOCATION - LAT 60 46 00 N
LONG 98 47 00 W
DRAINAGE AREA, 36 300 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	383 000	JUL	692 000
FEB	298 000	AUG	733 000
MAR	283 000	SEP	626 000
APR	233 000	OCT	555 000
MAY	219 000	NOV	470 000
JUN	431 000	DEC	426 000

TOTAL DISCHARGE, 5 350 000 dam³

THOA RIVER NEAR INLET TO HILL ISLAND LAKE - STATION NO. 07QC003

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1981

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	23.5E	15.7E	13.4E	11.0 E	18.4	54.8	52.5E	83.7	52.5E	46.6	40.6	35.6	1
2	22.7E	15.5E	13.3E	10.9 E	20.8	54.4	52.0E	81.8	51.8E	46.5	40.5	35.4	2
3	22.1E	15.4E	13.2E	10.8 E	23.3	53.8	51.5E	80.1	51.2	46.4	40.3	35.3	3
4	21.9E	15.4E	13.1E	10.8 E	26.1	55.2	51.0E	78.3	50.6	46.3	40.4	35.2	4
5	21.5E	15.3E	13.1E	10.7 E	29.6	55.5	50.5E	76.6	50.5	46.2	40.3	35.0	5
6	21.2E	15.2E	13.0E	10.6 E	33.1	55.2	51.0E	75.1	50.3	46.0	40.1	34.7	6
7	21.0E	15.1E	12.9E	10.5 E	37.0	54.3	53.1E	73.7	49.6	45.5	39.5	34.5	7
8	20.7E	15.1E	12.8E	10.5 E	41.2	54.4	55.0E	72.3	49.2	45.1	39.2	34.3	8
9	20.6E	15.0E	12.7A	10.4 E	45.7	55.0	59.0E	71.0	49.2	44.7	38.7	34.0	9
10	20.3E	15.0E	12.8	10.3 E	50.6	55.5	63.0E	69.8	48.9	44.6	38.2	33.8	10
11	20.0E	15.0E	12.7	10.3 E	55.3	56.1	67.0E	68.5	48.8	44.6	38.0	33.8	11
12	19.8E	14.9A	12.6	10.2 E	59.1	56.6	69.0E	67.1	48.9	44.5	37.8	33.8	12
13	19.6E	14.8E	12.6	10.1 E	62.6	57.1	70.0E	66.2	49.2	44.4	37.6	33.5	13
14	19.3E	14.7E	12.5	10.0 E	65.3	57.5	70.5E	65.0	49.1	44.2	37.3	33.2	14
15	19.0E	14.6E	12.4	9.96E	67.2	58.0	71.0E	64.0	49.0	44.1	37.3	32.9	15
16	18.9E	14.5E	12.3	9.88E	68.5	58.0	72.0E	63.3	48.9	43.9	37.0	32.5	16
17	18.7E	14.5E	12.2	9.81E	69.0	58.2	73.0E	62.6	49.2	43.8	36.8	32.3	17
18	18.4E	14.4E	12.1	9.74E	69.5	58.1	75.0E	61.8	49.3	43.4	36.6	32.0	18
19	18.1E	14.3E	11.9	9.66E	69.4	57.9	79.0E	60.6	49.1	43.0	36.5	31.8	19
20	17.8E	14.2E	11.8	9.59E	68.6	57.7	83.0E	59.9	48.9	42.8	36.4	31.5	20
21	17.6E	14.1E	11.8	9.52E	67.2	57.5	88.0E	59.7	49.1	42.9	36.3	31.4	21
22	17.5E	14.0E	11.8	9.44E	65.2	58.3	94.0E	59.3	49.3	42.7	36.2	31.2	22
23	17.3E	13.9E	11.6	9.37E	63.9	58.0	102 E	58.6	49.2	42.8	36.2	31.0	23
24	17.2E	13.8E	11.5	9.50E	62.6	57.0E	105 E	58.0	48.8	42.6	36.1	30.8	24
25	17.0E	13.8E	11.5E	10.5 E	61.8	56.5E	107 E	57.4	48.8	42.5	36.1	30.5	25
26	16.7E	13.7E	11.4E	11.5 E	60.7	55.5E	108 E	56.7	48.4	42.2	36.0	30.2	26
27	16.5E	13.6E	11.4E	12.5 E	59.2	54.8E	104 E	55.6	47.9	42.1	35.8	29.9	27
28	16.4E	13.5E	11.3E	13.5 E	58.3	54.2E	94.0A	55.0E	47.2	41.9	35.7	29.6	28
29	16.3E		11.2E	14.5 A	57.1	53.7E	89.6	54.3E	47.0	41.5	35.7	29.4	29
30	16.0E		11.1E	16.2	56.2	53.0E	87.2	53.7E	46.8	41.2	35.6	29.0E	30
31	15.8E		11.1E		55.5		85.5	53.1E		40.9		28.7E	31
TOTAL	589.4	409.0	379.1	322.27	1 648.0	1 681.8	2 332.4	2 022.8	1 476.7	1 359.9	1 128.8	1 006.8	TOTAL
MEAN	19.0	14.6	12.2	10.7	53.2	56.1	75.2	65.3	49.2	43.9	37.6	32.5	MEAN
MAX	23.5	15.7	13.4	16.2	69.5	58.3	108	83.7	52.5	46.6	40.6	35.6	MAX
MIN	15.8	13.5	11.1	9.37	18.4	53.0	50.5	53.1	46.8	40.9	35.6	28.7	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 39.3
MAXIMUM DAILY, 108E ON JUL 26
MINIMUM DAILY, 9.37E ON APR 23

SUMMARY FOR THE YEAR 1981

TYPE OF GAUGE - RECORDING
LOCATION - LAT 60 30 00 N
LONG 109 39 00 W
DRAINAGE AREA, 9 630 km²
A - MANUAL GAUGE

E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	50 900	JUL	[illegible] 000
FEB	35 300	AUG	[illegible] 300
MAR	32 800	SEP	[illegible] 000
APR	27 800	OCT	117 000
MAY	142 000	NOV	97 500
JUN	145 000	DEC	87 000

TOTAL DISCHARGE, 1 240 000 dam³

TREE RIVER NEAR THE MOUTH - STATION NO. 10QA001

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1981

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	7.30B	5.99B	5.81B	6.24B	8.42B	26.5B	126	88.8	66.8	98.3	53.8B	11.1 B	1
2	7.20B	5.97B	5.82B	6.25B	8.51B	28.8B	127	87.8	65.8	105	51.0B	10.6 B	2
3	7.10B	5.95B	5.82B	6.30B	8.62B	32.5B	125	86.5	65.8	108	48.0B	10.1 B	3
4	7.00B	5.93B	5.83B	6.38B	8.70B	37.5B	124	85.3	66.3	106	46.0B	9.70B	4
5	6.93B	5.90B	5.83B	6.45B	8.80B	45.0B	123	83.9	65.7	104	44.0B	9.30B	5
6	6.86B	5.88B	5.83B	6.50B	8.90B	54.5B	122	82.3	64.8	102	41.9B	9.00B	6
7	6.78B	5.86B	5.83B	6.60B	8.95B	57.9B	122	81.0	65.2	101	39.0B	8.60B	7
8	6.74B	5.85B	5.84B	6.65B	9.00B	60.0E	123	79.7	65.7	99.8	38.5B	8.30B	8
9	6.70B	5.83B	5.84B	6.68B	9.20B	63.9E	121	78.4	72.9	98.9	35.0B	7.90B	9
10	6.65B	5.80B	5.84B	6.72B	9.40B	63.5E	121	76.4	75.2	97.9	33.5B	7.60B	10
11	6.58B	5.79B	5.84B	6.78B	9.57B	62.5E	119	76.8	73.8	96.5	31.5B	7.30B	11
12	6.50B	5.77B	5.84B	6.82B	9.70B	62.0E	118	76.2	73.9	95.1	29.9B	7.00B	12
13	6.48B	5.76B	5.85B	6.87B	9.90B	60.5	117	76.1	74.4	94.3	28.0B	6.70B	13
14	6.45B	5.75B	5.85B	6.92B	10.2 B	60.3	116	76.0	75.2	93.1	26.5B	6.40B	14
15	6.43B	5.73B	5.85B	6.98B	10.4 B	61.5	114	76.5	76.5	91.4	25.3B	6.10B	15
16	6.42B	5.72B	5.85B	7.00B	10.7 B	64.4	113	77.9	76.4	90.4	24.0B	5.90B	16
17	6.40B	5.70B	5.88B	7.10B	11.0 B	68.5	111	75.8	77.5	88.4	23.0B	5.80B	17
18	6.38B	5.70B	5.88B	7.20B	11.3 B	74.0	108	74.6	78.4	84.8	21.8B	5.60B	18
19	6.31B	5.70B	5.89B	7.30B	11.7 B	80.4	107	73.6	78.7	83.9	20.6B	5.20B	19
20	6.29B	5.70B	5.90B	7.40B	12.0 B	87.5	105	71.8	79.7	82.8	19.9B	5.00B	20
21	6.26B	5.72B	5.91B	7.50B	12.7 B	94.3	103	71.6	81.6	84.0B	18.8B	4.80B	21
22	6.24B	5.74B	5.93B	7.55B	13.3 B	100	102	72.1	89.2	81.0B	17.9B	4.65B	22
23	6.22B	5.75B	5.95B	7.67B	14.0 B	105	99.0	71.2	93.6	78.5B	17.0B	4.50B	23
24	6.21B	5.76B	5.97B	7.70B	14.8 B	109	97.3	70.6	93.3	76.0B	16.0B	4.39B	24
25	6.20B	5.77B	6.00B	7.78B	15.8 B	115	95.5	70.2	93.2	72.0B	15.0B	4.20B	25
26	6.19B	5.78B	6.40B	7.82B	16.8 B	123	94.3	69.4	93.2	69.9B	14.2B	4.09B	26
27	6.15B	5.79B	6.80B	7.90B	17.8 B	123	92.7	68.7	93.9	68.9B	13.4B	4.00B	27
28	6.10B	5.80B	6.10B	8.20B	18.9 B	124	90.4	68.9	94.1	64.5B	12.9B	3.90B	28
29	6.07B		6.15B	8.30B	19.9 B	129	88.4	69.4	94.9	60.1B	12.1B	3.80B	29
30	6.03B		6.20B	8.38B	20.2 B	128	86.4	68.9	95.3	57.9B	11.5B	3.75B	30
31	6.01B		6.22B		20.4 B		87.1	68.0		55.9B		3.65B	31
TOTAL	201.18	162.39	184.55	213.94	379.57	2 302.0	3 398.1	2 354.6	2 361.0	2 690.3	830.0	198.93	TOTAL
MEAN	6.49	5.80	5.95	7.13	12.2	76.7	110	76.0	78.7	86.8	27.7	6.42	MEAN
MAX	7.30	5.99	6.80	8.38	20.4	129	127	88.8	95.3	108	53.8	11.1	MAX
MIN	6.01	5.70	5.81	6.24	8.42	26.5	86.4	68.0	64.8	55.9	11.5	3.65	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 41.9
MAXIMUM DAILY, 129 ON JUN 29
MINIMUM DAILY, 3.65B ON DEC 31
MAXIMUM INSTANTANEOUS,
135 AT 02:10 MST ON JUN 29

SUMMARY FOR THE YEAR 1981

TYPE OF GAUGE - RECORDING
LOCATION - LAT 67 38 10 N
LONG 111 53 30 W
DRAINAGE AREA, 5 960 km²

B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	17 400	JUL	294 000
FEB	14 000	AUG	203 000
MAR	15 900	SEP	204 000
APR	18 500	OCT	232 000
MAY	32 800	NOV	71 700
JUN	199 000	DEC	17 200

TOTAL DISCHARGE, 1 320 000 dam³

NORTHWEST TERRITORIES

TROUT RIVER AT FORT SIMPSON HIGHWAY - STATION NO. 10FA002

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1981

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	0.050B	0.020B	0.080B	0.020B	2.90B	84.0E	40.5	15.0	4.60	5.01	7.50B	1.10 B	1
2	0.050B	0.020B	0.080B	0.020B	5.40B	83.0E	38.9	14.2	6.68	5.24	7.10B	1.10 B	2
3	0.050B	0.020B	0.080B	0.020B	10.0 B	81.0E	36.9	14.9	4.52	11.5	6.90B	1.05 B	3
4	0.050B	0.020B	0.070B	0.020B	19.0 B	80.0E	38.1	14.9	3.41	7.09	6.50B	1.00 B	4
5	0.050B	0.020B	0.070B	0.020B	32.0 B	78.0E	31.5	11.5	4.37	5.33	6.00B	1.00 B	5
6	0.040B	0.020B	0.070B	0.020B	62.0 B	76.0E	30.6	9.68	4.67	5.38	5.70B	1.00 B	6
7	0.040B	0.020B	0.070B	0.020B	110 E	74.0E	29.7	11.5	4.20	6.25	5.40B	0.950B	7
8	0.040B	0.020B	0.070B	0.020B	207 A	73.0E	28.9	11.2	4.54	5.45	5.00B	0.950B	8
9	0.040B	0.020B	0.060B	0.020B	216 A	71.0E	26.6	10.3	4.82	5.72	4.70B	0.950B	9
10	0.040B	0.020B	0.060B	0.020B	185 E	70.0E	24.6	10.0	5.48	6.28	4.30B	0.900B	10
11	0.040B	0.010B	0.060B	0.020B	166 A	69.0E	24.2	9.98	5.22	7.34	3.90B	0.900B	11
12	0.040B	0.010B	0.060B	0.020B	150	67.0E	24.0	8.43	5.09	9.16	3.60B	0.900B	12
13	0.040B	0.010B	0.050B	0.020B	140	66.0E	23.4	8.39	6.94	11.8	3.30B	0.900B	13
14	0.040B	0.010B	0.050B	0.020B	134	64.0E	20.3	6.42	6.27	14.3	3.00B	0.867B	14
15	0.040B	0.010B	0.050B	0.020B	123	63.0E	20.9	7.44	5.64	14.2	2.80B	0.850B	15
16	0.040B	0.010B	0.050B	0.020B	120 E	61.8A	21.4	7.94	5.62	15.7	2.65B	0.850B	16
17	0.040B	0.010B	0.050B	0.020B	117 E	59.0	21.2	7.23	5.65	18.2	2.50B	0.800B	17
18	0.040B	0.010B	0.040B	0.020B	115 E	56.5	21.6	7.31	5.60	19.8	2.35B	0.800B	18
19	0.030B	0.010B	0.040B	0.020B	112 E	55.9	19.3	5.69	5.61	21.4	2.25B	0.800B	19
20	0.030B	0.010B	0.040B	0.020B	110 E	54.2	20.3	5.28	5.12	17.0 B	2.15B	0.[illegible]0B	20
21	0.030B	0.010B	0.040B	0.020B	108 E	51.3	20.8	5.20	4.81	7.11B	2.05B	0.750B	21
22	0.030B	0.010B	0.040B	0.020B	105 E	50.9	20.3	5.91	4.93	9.42B	2.00B	0.750B	22
23	0.030B	0.090B	0.030B	0.050B	102 E	47.3	21.7	4.79	4.45	9.20B	1.80B	0.750B	23
24	0.030B	0.090B	0.030B	0.100B	100 E	48.2	21.3	4.66	4.29	9.00B	1.70B	0.750B	24
25	0.030B	0.090B	0.030B	0.150B	98.0 E	45.6	23.0	5.41	4.43	8.80B	1.60B	0.700B	25
26	0.030B	0.090B	0.020B	0.250B	96.0 E	44.7	22.4	4.42	4.49	8.60B	1.50B	0.700B	26
27	0.030B	0.090B	0.020B	0.350B	94.0 E	43.7	21.8	3.92	4.81	8.39B	1.40B	0.700B	27
28	0.030B	0.080B	0.020B	0.500B	92.0 E	43.5	19.3	4.69	5.09	8.30B	1.30B	0.700B	28
29	0.030B		0.020B	0.700B	90.0 E	43.3	17.1	5.46	4.79	8.10B	1.25B	0.700B	29
30	0.030B		0.020B	1.00 B	88.0 E	40.8	17.6	4.69	4.98	8.00B	1.15B	0.700B	30
31	0.020B		0.020B		86.0 E		17.8	3.23		7.80B		0.650B	31
TOTAL	1.150	0.850	1.490	3.540	3 195.30	1 845.7	766.0	249.67	151.12	304.87	103.35	26.317	TOTAL
MEAN	0.037	0.030	0.048	0.118	103	61.5	24.7	8.05	5.04	9.83	3.45	0.849	MEAN
MAX	0.050	0.090	0.080	1.00	216	84.0	40.5	15.0	6.94	21.4	7.50	1.10	MAX
MIN	0.020	0.010	0.020	0.020	2.90	40.8	17.1	3.23	3.41	5.01	1.15	0.650	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 18.2
MAXIMUM DAILY, 216A ON MAY 9
MINIMUM DAILY, 0.010B ON FEB 11

SUMMARY FOR THE YEAR 1981

TYPE OF GAUGE - RECORDING
LOCATION - LAT 61 08 00 N
LONG 119 49 30 W
DRAINAGE AREA, 9 090 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	99.4	JUL	66 200
FEB	73.4	AUG	21 600
MAR	129	SEP	13 100
APR	306	OCT	26 300
MAY	276 000	NOV	8 930
JUN	159 000	DEC	2 270

TOTAL DISCHARGE, 574 [illegible]00 dam³

TSICHU RIVER AT CANOL ROAD - STATION NO. 10HA002

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1981

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	0.320B	0.270B	0.240B	0.221B	0.192B	18.7	7.62	3.79	1.71	2.61	1.40 B	0.910B	1
2	0.310B	0.270B	0.240B	0.217B	0.164B	15.7	9.16	3.53	1.44	2.23	1.45 B	0.890B	2
3	0.310B	0.270B	0.240B	0.199B	0.156B	12.5	9.75	3.44	1.37	2.04	1.50 B	0.878B	3
4	0.310B	0.270B	0.240B	0.194B	0.161B	10.9	8.50	6.00	1.32	2.25	1.60 B	0.860B	4
5	0.310B	0.260B	0.230B	0.202B	0.222B	12.9	8.38	8.03	1.31	3.83	1.65 B	0.840B	5
6	0.300B	0.260B	0.230B	0.204B	0.375B	10.7	7.39	7.34	1.29	2.99	1.70 B	0.830B	6
7	0.300B	0.260B	0.230B	0.210B	0.227B	9.65	6.88	5.65	3.54	1.96	1.75 B	0.820B	7
8	0.300B	0.260B	0.230B	0.214B	0.300B	11.4	6.81	4.60	11.0	1.71	1.80 B	0.810B	8
9	0.300B	0.260B	0.230B	0.215B	1.06 B	9.54	6.52	4.31	7.13	2.60	1.85 B	0.800B	9
10	0.300B	0.260B	0.230B	0.215B	2.47 B	9.64	7.20	4.38	6.27	1.63	1.90 B	0.790B	10
11	0.300B	0.260B	0.230B	0.221B	5.89 B	9.21	8.89	3.88	6.38	1.51	1.90 B	0.780B	11
12	0.290B	0.260B	0.230B	0.219B	9.74 B	9.58	9.63	3.68	5.90	1.48	1.91 B	0.770B	12
13	0.290B	0.250B	0.230B	0.222B	10.1 B	10.3	7.52	3.12	5.12	1.51	1.88 B	0.760B	13
14	0.290B	0.250B	0.230B	0.225B	6.50	9.84	6.42	2.99	4.50	3.07	1.81 B	0.750B	14
15	0.290B	0.250B	0.230B	0.229B	6.90	8.91	6.87	3.15	4.43	5.04	1.75 B	0.740B	15
16	0.290B	0.250B	0.220B	0.243B	6.41	7.84	7.81	2.71	4.77	3.49	1.65 B	0.730B	16
17	0.290B	0.250B	0.220B	0.251B	6.15	6.23	7.74	3.15	4.47	2.79	1.55 B	0.720B	17
18	0.280B	0.250B	0.220B	0.259B	8.81	5.70	7.51	2.82	4.45	2.46	1.44 B	0.710B	18
19	0.280B	0.250B	0.220B	0.261B	13.0	5.20	7.00	2.68	4.93	2.28	1.40 B	0.700B	19
20	0.280B	0.250B	0.220B	0.260B	14.1	5.19	5.82	2.82	4.40	2.82	1.33 B	0.690B	20
21	0.280B	0.250B	0.220B	0.257B	13.7	6.25	6.06	3.09	4.13	3.35B	1.28 B	0.680B	21
22	0.280B	0.250B	0.220B	0.250B	13.7	7.44	6.26	3.11	3.63	3.85B	1.24 B	0.680B	22
23	0.280B	0.250B	0.220B	0.250B	13.1	7.61	5.15	2.67	3.54	2.50B	1.18 B	0.670B	23
24	0.280B	0.240B	0.220B	0.238B	13.9	6.16	4.76	2.30	3.38	2.17B	1.15 B	0.660B	24
25	0.280B	0.240B	0.220B	0.242B	16.2	5.78	4.95	2.02	3.24	1.80B	1.10 B	0.650B	25
26	0.270B	0.240B	0.215B	0.233B	20.0	5.79	5.53	1.99	3.15	1.90B	1.07 B	0.640B	26
27	0.270B	0.240B	0.215B	0.227B	22.8	7.48	5.86	2.15	2.99	1.78B	1.03 B	0.640B	27
28	0.270B	0.240B	0.215B	0.216B	22.8	9.29	4.89	2.36	2.83	1.30B	1.00 B	0.630B	28
29	0.270B		0.215B	0.204B	23.4	7.68	4.27	2.43	2.61	1.26B	0.970B	0.620B	29
30	0.270B		0.215B	0.189B	21.8	7.01	4.92	1.96	2.32	1.30B	0.940B	0.610B	30
31	0.270B		0.213B		22.1		4.77	1.78		1.35B		0.600B	31
TOTAL	8.960	7.110	6.978	6.787	296.427	270.12	210.84	107.93	117.55	72.86	44.180	22.858	TOTAL
MEAN	0.289	0.254	0.225	0.226	9.56	9.00	6.80	3.48	3.92	2.35	1.47	0.737	MEAN
MAX	0.320	0.270	0.240	0.261	23.4	18.7	9.75	8.03	11.0	5.04	1.91	0.910	MAX
MIN	0.270	0.240	0.213	0.189	0.156	5.19	4.27	1.78	1.29	1.26	0.940	0.600	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 3.21
MAXIMUM DAILY, 23.4 ON MAY 29
MINIMUM DAILY, 0.156B ON MAY 3
MAXIMUM INSTANTANEOUS,
27.1 AT 00:03 MST ON MAY 29

SUMMARY FOR THE YEAR 1981

TYPE OF GAUGE - RECORDING
LOCATION - LAT 63 18 10 N
LONG 129 47 30 W
DRAINAGE AREA, 222 km²

B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	774	JUL	18 200
FEB	614	AUG	9 330
MAR	603	SEP	10 200
APR	586	OCT	6 300
MAY	25 600	NOV	3 820
JUN	23 300	DEC	1 970

TOTAL DISCHARGE, 101 000 dam³

TULUGAK RIVER ON BROUGHTON ISLAND - STATION NO. 10TE004

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1981

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	---	---	---	---	---	0.156	0.220	---	---	---	1
2	---	---	---	---	---	---	---	0.110	0.233	---	---	---	2
3	---	---	---	---	---	---	---	0.097	0.135	---	---	---	3
4	---	---	---	---	---	---	---	0.093	0.119	---	---	---	4
5	---	---	---	---	---	---	---	0.088	0.133	---	---	---	5
6	---	---	---	---	---	---	---	0.090	0.102	---	---	---	6
7	---	---	---	---	---	---	---	0.297	0.137	---	---	---	7
8	---	---	---	---	---	---	---	0.445	0.124	---	---	---	8
9	---	---	---	---	---	---	---	0.332	0.118	---	---	---	9
10	---	---	---	---	---	---	---	0.237	0.128	---	---	---	10
11	---	---	---	---	---	---	---	0.414	0.316	---	---	---	11
12	---	---	---	---	---	---	---	0.432	0.545	---	---	---	12
13	---	---	---	---	---	---	---	0.388	0.452	---	---	---	13
14	---	---	---	---	---	---	---	0.363	0.387	---	---	---	14
15	---	---	---	---	---	---	---	0.338	0.205	---	---	---	15
16	---	---	---	---	---	---	---	0.300	0.177	---	---	---	16
17	---	---	---	---	---	---	---	0.267	0.122	---	---	---	17
18	---	---	---	---	---	---	---	0.261	0.089	---	---	---	18
19	---	---	---	---	---	---	---	0.278	0.063	---	---	---	19
20	---	---	---	---	---	---	---	0.272	0.048	---	---	---	20
21	---	---	---	---	---	---	---	0.995	0.065A	---	---	---	21
22	---	---	---	---	---	---	---	0.814	---	---	---	---	22
23	---	---	---	---	---	---	---	0.565	---	---	---	---	23
24	---	---	---	---	---	---	---	0.426	---	---	---	---	24
25	---	---	---	---	---	---	---	0.300	---	---	---	---	25
26	---	---	---	---	---	---	---	0.271	---	---	---	---	26
27	---	---	---	---	---	---	---	0.260	---	---	---	---	27
28	---	---	---	---	---	---	0.130A	0.480	---	---	---	---	28
29	---		---	---	---	---	0.215	0.700	---	---	---	---	29
30	---		---	---	---	---	0.222	0.534	---	---	---	---	30
31	---		---		---		0.204	0.217		---		---	31
TOTAL	---	---	---	---	---	---	---	10.820	---	---	---	---	TOTAL
MEAN	---	---	---	---	---	---	---	0.349	---	---	---	---	MEAN
MAX	---	---	---	---	---	---	---	0.995	---	---	---	---	MAX
MIN	---	---	---	---	---	---	---	0.088	---	---	---	---	MIN

SUMMARY FOR THE YEAR 1981

TYPE OF GAUGE - RECORDING
LOCATION - LAT 67 33 00 N
LONG 63 55 00 W
DRAINAGE AREA, 30.6 km²
A - MANUAL GAUGE

NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	---
FEB	---	AUG	935
MAR	---	SEP	---
APR	---	OCT	---
MAY	---	NOV	---
JUN	---	DEC	---

UNNAMED CREEK AT FORT LIARD HIGHWAY - STATION NO. 10ED005

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1981

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	0B	0B	0B	0B	0.001B	0.018	0.001A	0.001	0.065	0.052	0.078B	0B	1
2	0B	0B	0B	0B	0.021B	0.015	0 A	0.001	0.095	0.102	0.062B	0B	2
3	0B	0B	0B	0B	0.042B	0.013	0.001E	0.001	0.108	0.132	0.049B	0B	3
4	0B	0B	0B	0B	0.094B	0.010	0.001E	0.001	0.116	0.145	0.039B	0B	4
5	0B	0B	0B	0B	0.180B	0.007	0.001E	0.001	0.133	0.156	0.030B	0B	5
6	0B	0B	0B	0B	0.370B	0.006	0.002E	0.001	0.133	0.162	0.025B	0B	6
7	0B	0B	0B	0B	0.760B	0.007	0.001E	0.001	0.126	0.162	0.020B	0B	7
8	0B	0B	0B	0B	1.57 A	0.007	0.002E	0.001	0.116	0.165	0.016B	0B	8
9	0B	0B	0B	0B	1.35 E	0.006	0.003A	0	0.112	0.221	0.013B	0B	9
10	0B	0B	0B	0B	1.16 A	0.005	0.003	0.001	0.139	0.297	0.011B	0B	10
11	0B	0B	0B	0B	0.730	0.007	0.002	0	0.135	0.533	0.009B	0B	11
12	0B	0B	0B	0B	0.650E	0.006	0.001	0	0.128	0.979	0.008B	0B	12
13	0B	0B	0B	0B	0.743E	0.006	0.001	0	0.126	1.17	0.007B	0B	13
14	0B	0B	0B	0B	0.879A	0.006A	0.001	0	0.118	1.19	0.006B	0B	14
15	0B	0B	0B	0B	0.655	0.007A	0	0	0.099	1.16	0.005B	0B	15
16	0B	0B	0B	0B	0.407	0.008A	0	0	0.089	1.33	0.005B	0B	16
17	0B	0B	0B	0B	0.307	0.010A	0	0	0.081	1.53	0.004B	0B	17
18	0B	0B	0B	0B	0.300	0.011A	0	0	0.076	1.55	0.003B	0B	18
19	0B	0B	0B	0B	0.275	0.012A	0	0	0.071	1.33 B	0.003B	0B	19
20	0B	0B	0B	0B	0.220	0.011A	0	0	0.065	1.05 B	0.002B	0B	20
21	0B	0B	0B	0B	0.180	0.008	0	0	0.056	0.850B	0.002B	0B	21
22	0B	0B	0B	0B	0.145	0.007	0.005	0	0.051	0.680B	0.001B	0B	22
23	0B	0B	0B	0B	0.112	0.007	0.016	0	0.046	0.540B	0.001B	0B	23
24	0B	0B	0B	0B	0.107	0.005	0.008	0	0.046	0.430B	0.001B	0B	24
25	0B	0B	0B	0B	0.088	0.004	0.004	0	0.041	0.350B	0.001B	0B	25
26	0B	0B	0B	0B	0.068	0.004	0.001	0	0.036	0.272B	0 B	0B	26
27	0B	0B	0B	0B	0.049	0.003	0	0	0.032	0.230B	0 B	0B	27
28	0B	0B	0B	0B	0.036	0.003A	0.001	0.001	0.030	0.180B	0 B	0B	28
29	0B		0B	0B	0.030	0.002A	0.001	0.012	0.030	0.145B	0 B	0B	29
30	0B		0B	0B	0.027	0.002E	0.001	0.012	0.030	0.115B	0 B	0B	30
31	0B		0B		0.023		0.001	0.017		0.092B		0B	31
TOTAL	0	0	0	0	11.579	0.223	0.058	0.051	2.529	17.300	0.401	0	TOTAL
MEAN	0	0	0	0	0.374	0.007	0.002	0.002	0.084	0.558	0.013	0	MEAN
MAX	0	0	0	0	1.57	0.018	0.016	0.017	0.139	1.55	0.078	0	MAX
MIN	0	0	0	0	0.001	0.002	0	0	0.030	0.052	0	0	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.088
MAXIMUM DAILY, 1.57A ON MAY 8
MINIMUM DAILY, 0B ON JAN 1

SUMMARY FOR THE YEAR 1981

TYPE OF GAUGE - RECORDING
LOCATION - LAT 61 25 30 N
LONG 121 37 30 W

A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	0	JUL	5.01
FEB	0	AUG	4.41
MAR	0	SEP	219
APR	0	OCT	1 490
MAY	1 000	NOV	34.6
JUN	19.3	DEC	0

TOTAL DISCHARGE, 2 770 dam³

UNNAMED TRIBUTARY TO WILLOWLAKE RIVER - STATION NO. 10GB005

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1981

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	0B	0B	0B	0 B	0.610B	0.600	0.122	0.668A	0.229A	1.17	1.07 B	0.025B	1
2	0B	0B	0B	0 B	1.90 B	0.584	0.117	0.540A	0.261A	3.30	0.765B	0.020B	2
3	0B	0B	0B	0 B	6.47 B	0.582	0.107	0.446A	0.307A	4.31	0.505B	0.020B	3
4	0B	0B	0B	0 B	16.8	0.562	0.178	0.367A	0.335A	4.15	0.372B	0.020B	4
5	0B	0B	0B	0 B	24.8	0.518	0.335	0.318A	0.346A	3.56	0.331B	0.020B	5
6	0B	0B	0B	0 B	24.3	0.458	0.383	0.272A	0.329E	3.58	0.325B	0.015B	6
7	0B	0B	0B	0 B	23.1	0.431	0.331	0.218A	0.303E	2.89	0.320B	0.015B	7
8	0B	0B	0B	0 B	17.3	0.413	0.365	0.180A	0.282E	2.48	0.315B	0.015B	8
9	0B	0B	0B	0 B	13.7	0.374	0.367	0.151A	0.253E	2.23	0.305B	0.015B	9
10	0B	0B	0B	0 B	10.5	0.353	0.360	0.121A	0.226A	2.06	0.295B	0.010B	10
11	0B	0B	0B	0 B	8.24	0.321	0.319	0.102A	0.171A	1.94	0.280B	0.010B	11
12	0B	0B	0B	0 B	6.64	0.285	0.269	0.090A	0.074A	1.86	0.265B	0.010B	12
13	0B	0B	0B	0 B	5.59	0.257	0.228	0.078A	0.109A	1.70	0.250B	0.010B	13
14	0B	0B	0B	0 B	4.95	0.239	0.214	0.067A	0.162A	1.78	0.230B	0.010B	14
15	0B	0B	0B	0 B	4.36	0.217	0.185	0.060A	0.084A	1.64	0.210B	0.005B	15
16	0B	0B	0B	0 B	3.80	0.190	0.158	0.052A	0.058A	1.71	0.190B	0.005B	16
17	0B	0B	0B	0 B	3.38	0.177	0.133	0.046A	0.289A	1.67	0.160B	0.003B	17
18	0B	0B	0B	0 B	2.98	0.159	0.117	0.035A	0.088A	1.71	0.130B	0.003B	18
19	0B	0B	0B	0 B	2.73	0.143	0.106	0.020A	0.045A	1.83	0.110B	0.003B	19
20	0B	0B	0B	0 B	2.60	0.153	0.094	0.029A	0.123A	2.05	0.095B	0.003B	20
21	0B	0B	0B	0 B	2.35	0.150	0.101	0.028A	0.117A	2.08	0.080B	0.001B	21
22	0B	0B	0B	0.005B	2.02	0.152	0.588	0.022A	0.303A	2.79B	0.070B	0.001B	22
23	0B	0B	0B	0.010B	1.76	0.152	2.23	0.017A	0.548A	2.28B	0.055B	0 B	23
24	0B	0B	0B	0.020B	1.61	0.167	2.86	0.015A	0.582E	1.40B	0.050B	0 B	24
25	0B	0B	0B	0.030B	1.40	0.157	2.41	0.017E	0.624A	1.28B	0.040B	0 B	25
26	0B	0B	0B	0.040B	1.23	0.141	1.80	0.019E	0.605	1.36B	0.035B	0 B	26
27	0B	0B	0B	0.060B	1.03	0.136	1.85	0.037E	0.588	1.50B	0.030B	0 B	27
28	0B	0B	0B	0.097B	0.863	0.133	1.80	0.078E	0.560	1.54B	0.030B	0 B	28
29	0B		0B	0.120B	0.776	0.137	1.45 A	0.133A	0.540	1.53B	0.025B	0 B	29
30	0B		0B	0.218B	0.689	0.132	1.04 A	0.182A	0.556	1.41B	0.025B	0 B	30
31	0B		0B		0.605		0.834A	0.218A		1.28B		0 B	31
TOTAL	0	0	0	0.600	199.083	8.473	21.411	4.626	9.097	66.07	6.963	0.239	TOTAL
MEAN	0	0	0	0.020	6.42	0.282	0.691	0.149	0.303	2.13	0.232	0.008	MEAN
MAX	0	0	0	0.218	24.8	0.600	2.86	0.668	0.624	4.31	1.07	0.025	MAX
MIN	0	0	0	0	0.605	0.132	0.094	0.015	0.045	1.17	0.025	0	MIN

SUMMARY FOR THE YEAR 1981

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.867
MAXIMUM DAILY, 24.8 ON MAY 5
MINIMUM DAILY, 0B ON JAN 1
MAXIMUM INSTANTANEOUS,
27.6 AT 12:03 MST ON MAY 5

TYPE OF GAUGE - RECORDING
LOCATION - LAT 62 38 31 N
LONG 122 54 45 W
DRAINAGE AREA, 277 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	0	JUL	1 850
FEB	0	AUG	400
MAR	0	SEP	786
APR	51.8	OCT	5 710
MAY	17 200	NOV	602
JUN	732	DEC	20.6

TOTAL DISCHARGE, 27 400 dam³

WELDON CREEK NEAR THE MOUTH - STATION NO. 10LA004

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1981

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	0B	0B	0B	0 B	0.360B	9.53	15.0	3.99	2.80	4.02	1.29 B	0B	1
2	0B	0B	0B	0 B	0.580B	19.3	23.8	3.39	2.80	4.44	1.20 B	0B	2
3	0B	0B	0B	0 B	2.50 B	32.5	22.3	3.40	2.83	4.55	1.10 B	0B	3
4	0B	0B	0B	0 B	17.0 B	40.1	18.0	4.22	2.82	4.42	1.02 B	0B	4
5	0B	0B	0B	0 B	42.8 B	39.8	14.6	4.72	2.82	4.11B	0.950B	0B	5
6	0B	0B	0B	0 B	40.7	31.5	11.8	4.38	2.85	3.96B	0.890B	0B	6
7	0B	0B	0B	0 B	44.0	24.7	10.1	3.76	2.83	3.80B	0.810B	0B	7
8	0B	0B	0B	0 B	34.2	19.2	8.55	3.19	2.85	3.66B	0.740B	0B	8
9	0B	0B	0B	0 B	28.8	15.1	7.29	2.78	2.90	3.51B	0.680B	0B	9
10	0B	0B	0B	0 B	22.6	12.5	6.25	2.79	2.90	3.38B	0.630B	0B	10
11	0B	0B	0B	0 B	18.2	9.91	5.54	2.79	2.90	3.25B	0.570B	0B	11
12	0B	0B	0B	0 B	14.8	8.87	4.99	2.79	2.88	3.12B	0.520B	0B	12
13	0B	0B	0B	0 B	12.4	7.48	4.28	2.78	2.90	3.00B	0.470B	0B	13
14	0B	0B	0B	0 B	13.9	6.08	3.58	2.81	2.88	2.89B	0.420B	0B	14
15	0B	0B	0B	0 B	18.2	4.47	3.22	2.81	2.92	2.78B	0.380B	0B	15
16	0B	0B	0B	0 B	21.2	3.80	3.13	2.78	2.89	2.70B	0.330B	0B	16
17	0B	0B	0B	0 B	24.2	3.37	3.12	2.78	2.87	2.60B	0.280B	0B	17
18	0B	0B	0B	0 B	26.5	3.37	3.14	2.76	2.88	2.51B	0.240B	0B	18
19	0B	0B	0B	0 B	28.4	3.40	3.16	2.76	2.94	2.43B	0.200B	0B	19
20	0B	0B	0B	0 B	30.2	3.34	3.36	2.73	2.92	2.35B	0.170B	0B	20
21	0B	0B	0B	0 B	32.0	3.32	3.58	2.71	2.93	2.27B	0.130B	0B	21
22	0B	0B	0B	0 B	33.6	3.28	4.10	2.72	2.94	2.21B	0.080B	0B	22
23	0B	0B	0B	0 B	24.5	3.27	5.90	2.74	2.98	2.13B	0.050B	0B	23
24	0B	0B	0B	0 B	15.8	3.20	6.12	2.75	2.94	2.07B	0.030B	0B	24
25	0B	0B	0B	0.010B	13.9	3.17	5.44	2.76	2.92	2.00B	0 B	0B	25
26	0B	0B	0B	0.020B	11.4	3.15	4.57	2.81	2.95	1.90B	0 B	0B	26
27	0B	0B	0B	0.050B	9.88	3.11	4.72	2.77	2.98	1.77B	0 B	0B	27
28	0B	0B	0B	0.100B	8.64	3.07	5.76	2.77	2.99	1.68B	0 B	0B	28
29	0B		0B	0.150B	7.72	3.57	6.23	2.77	3.00	1.56B	0 B	0B	29
30	0B		0B	0.250B	7.10	6.55	5.69	2.80	3.21	1.47B	0 B	0B	30
31	0B		0B		6.97		4.63	2.81		1.37B		0B	31
TOTAL	0	0	0	0.580	613.050	334.01	231.95	94.82	87.22	87.91	13.180	0	TOTAL
MEAN	0	0	0	0.019	19.8	11.1	7.48	3.06	2.91	2.84	0.439	0	MEAN
MAX	0	0	0	0.250	44.0	40.1	23.8	4.72	3.21	4.55	1.29	0	MAX
MIN	0	0	0	0	0.360	3.07	3.12	2.71	2.80	1.37	0	0	MIN

SUMMARY FOR THE YEAR 1981

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 4.01
MAXIMUM DAILY, 44.0 ON MAY 7
MINIMUM DAILY, 0B ON JAN 1

TYPE OF GAUGE - RECORDING
LOCATION - LAT 66 23 10 N
LONG 132 39 00 W
DRAINAGE AREA, 847 km²

B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	0	JUL	20 000
FEB	0	AUG	8 190
MAR	0	SEP	7 540
APR	50.1	OCT	7 600
MAY	53 000	NOV	1 140
JUN	28 900	DEC	0

TOTAL DISCHARGE, 126 000 dam³

WHITEFISH RIVER NEAR THE MOUTH - STATION NO. 10JD002

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1981

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	---	---	---	37.9	16.8	4.02	1.21	2.19	2.50B	1.82B	1
2	---	---	---	---	---	36.7	16.9	3.89	1.17	3.22	2.48B	1.80B	2
3	---	---	---	---	---	35.7	17.0	3.73	1.12	3.20B	2.46B	1.77B	3
4	---	---	---	---	---	34.6	17.4	3.61	1.09	3.18B	2.43B	1.72B	4
5	---	---	---	---	---	33.3	17.3	3.51	1.06	3.15B	2.41B	1.69B	5
6	---	---	---	---	---	31.4	16.8	3.52	1.05	3.13B	2.39B	1.67B	6
7	---	---	---	---	---	29.3	16.4	3.61	1.04	3.10B	2.37B	1.63B	7
8	---	---	---	---	---	27.7	15.3	3.59	1.02	3.07B	2.35B	1.60B	8
9	---	---	---	---	---	26.1	14.1	3.49	0.969	3.05B	2.32B	1.58B	9
10	---	---	---	---	---	24.4	12.8	3.37	0.994	3.02B	2.30B	1.55B	10
11	---	---	---	---	95.4	23.1	11.7	2.73	1.00	3.00B	2.29B	1.52B	11
12	---	---	---	---	96.2	21.5	11.0	2.52	0.999	2.98B	2.27B	1.48B	12
13	---	---	---	---	74.6	19.9	10.2	2.50	1.02	2.95B	2.24B	1.46B	13
14	---	---	---	---	59.2	18.4	8.80	2.60	1.00	2.92B	2.22B	1.43B	14
15	---	---	---	---	60.5	17.0	8.03	2.50E	1.06	2.90B	2.20B	1.40B	15
16	---	---	---	---	61.4	15.7	7.42	2.40E	1.02	2.88B	2.18B	1.38B	16
17	---	---	---	---	64.2	14.9	7.10	2.31E	0.994	2.85B	2.17B	1.35B	17
18	---	---	---	---	62.9	13.8	7.04	2.22E	0.992	2.82B	2.15B	1.32B	18
19	---	---	---	---	63.1	12.6	7.04	2.14E	1.03	2.80B	2.13B	1.30B	19
20	---	---	---	---	62.7	11.5	7.12	2.06	1.02	2.77B	2.10B	1.28B	20
21	---	---	---	---	60.5	10.7	7.28	2.05	1.03	2.75B	2.09B	1.25B	21
22	---	---	---	---	58.1	10.1	7.00	2.06	1.18	2.72B	2.07B	1.22B	22
23	---	---	---	---	55.8	9.41	6.48	1.98	1.26	2.69B	2.05B	1.20B	23
24	---	---	---	---	53.8	9.53	6.00	1.92	1.29	2.67B	2.02B	1.17B	24
25	---	---	---	---	51.6	11.6	5.53	1.83	1.38	2.65B	2.01B	1.15B	25
26	---	---	---	---	49.7	13.6	4.97	1.75	1.47	2.62B	1.99B	1.12B	26
27	---	---	---	---	47.9	14.2	4.60	1.62	1.52	2.60B	1.96B	1.10B	27
28	---	---	---	---	45.7	14.3	4.43	1.48	1.63	2.59B	1.93B	1.08B	28
29	---		---	---	43.4	14.7	4.08	1.40	1.69	2.56B	1.90B	1.06B	29
30	---		---	---	42.1	16.1	4.03	1.31	1.87	2.53B	1.86B	1.03B	30
31	---		---		39.7		3.96	1.24		2.51B		1.00B	31
TOTAL	---	---	---	---	---	609.74	304.61	78.96	35.178	88.07	65.84	43.13	TOTAL
MEAN	---	---	---	---	---	20.3	9.83	2.55	1.17	2.84	2.19	1.39	MEAN
MAX	---	---	---	---	---	37.9	17.4	4.02	1.87	3.22	2.50	1.82	MAX
MIN	---	---	---	---	---	9.41	3.96	1.24	0.969	2.19	1.86	1.00	MIN

SUMMARY FOR THE YEAR 1981

TYPE OF GAUGE - RECORDING
LOCATION - LAT 65 43 30 N
LONG 124 36 40 W
DRAINAGE AREA, 4 840 km²

B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	26 300
FEB	---	AUG	6 820
MAR	---	SEP	3 040
APR	---	OCT	7 610
MAY	---	NOV	5 690
JUN	52 700	DEC	3 730

WILLOWLAKE RIVER NEAR THE MOUTH - STATION NO. 10GB001

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1981

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	2.80B	2.20B	1.90B	1.85B	8.00B	110	47.5	64.5	14.8	60.0E	64.0B	25.0B	1
2	2.80B	2.20B	1.90B	1.85B	14.0 B	107	48.5	59.2	15.1	86.0E	61.0B	25.0B	2
3	2.80B	2.20B	1.90B	1.85B	25.0 B	106	46.8	59.8	15.6	115 E	58.0B	24.5B	3
4	2.80B	2.15B	1.90B	1.85B	42.0 B	105	47.5	57.4	16.0	150 E	55.0B	24.5B	4
5	2.80B	2.15B	1.90B	1.85B	76.0 B	103	52.1	51.5	17.0	155 E	52.0B	24.0B	5
6	2.70B	2.15B	1.90B	1.85B	130 B	103	65.5	46.4	17.2	160 E	50.0B	24.0B	6
7	2.70B	2.15B	1.90B	1.85B	230 B	104	119	41.4	16.8	155 E	47.0B	23.5B	7
8	2.70B	2.10B	1.90B	1.85B	400 B	99.2	128	37.6	16.7	152 A	45.0B	23.5B	8
9	2.60B	2.10B	1.90B	1.85B	648	93.9	134	34.8	17.2	143	43.0B	23.0B	9
10	2.60B	2.10B	1.90B	1.85B	536	88.2	132	31.2	20.9	140	41.4B	23.0B	10
11	2.60B	2.10B	1.90B	1.85B	445	82.3	121	28.2	25.0	141	39.0B	22.5B	11
12	2.50B	2.10B	1.90B	1.85B	390	76.9	107	27.0	30.4	141 A	37.0B	22.5B	12
13	2.50B	2.05B	1.90B	1.90B	350	70.9	94.5	26.2	38.0	139 E	35.0B	22.0B	13
14	2.50B	2.05B	1.90B	1.90B	306	66.4	83.8	24.4	54.4	135 E	34.0B	22.0B	14
15	2.50B	2.05B	1.90B	1.95B	277	61.9	73.8	23.1	59.5	130 E	33.0B	21.5B	15
16	2.41B	2.00B	1.90B	2.00B	259	57.4	65.5	22.2	60.9	125 E	32.0B	21.5B	16
17	2.40B	2.00B	1.90B	2.05B	242	53.8	59.3	21.2	61.2	120 E	31.0B	21.1B	17
18	2.40B	2.00B	1.90B	2.20B	228	51.0	53.8	20.1	59.6	116 E	30.0B	20.5B	18
19	2.40B	2.00B	1.90B	2.30B	218	48.4	49.0	18.7	56.5	112 E	29.5B	20.5B	19
20	2.35B	2.00B	1.90B	2.45B	218	46.4	44.5	17.8	52.3	108 E	29.0B	20.0B	20
21	2.35B	1.95B	1.85B	2.59B	227	44.2	43.0	17.2	49.0	105 E	28.5B	20.0B	21
22	2.35B	1.95B	1.85B	2.70B	225	42.6	49.3	16.4	46.7	100 E	28.0B	19.5B	22
23	2.30B	1.95B	1.85B	2.85B	212	42.4	66.1	15.8	46.2	98.0E	27.5B	19.5B	23
24	2.30B	1.95B	1.85B	3.00B	198	42.9	83.8	15.6	46.5	95.0E	27.0B	19.0B	24
25	2.30B	1.95B	1.85B	3.20B	186	43.5	86.9	15.4	45.9	91.0B	26.5B	18.5B	25
26	2.30B	1.90B	1.85B	3.40B	172	46.4	88.8	14.9	44.4	86.0B	26.5B	18.5B	26
27	2.30B	1.90B	1.85B	3.60B	159	48.7	89.8	14.9	42.8	82.0B	26.0B	18.0B	27
28	2.25B	1.90B	1.85B	3.78B	145	48.8	85.6	15.3	41.7	78.0B	25.5B	18.0B	28
29	2.25B		1.85B	4.00B	134	48.1	78.7	15.5	40.7	75.0B	25.5B	17.5B	29
30	2.25B		1.85B	4.60B	124	46.6	73.9	14.8	40.0	70.0B	25.0B	17.5B	30
31	2.20B		1.85B		116		70.5	14.9		67.0B		17.0B	31
TOTAL	77.01	57.30	58.35	72.67	6 340.00	2 088.9	2 389.5	883.4	1 109.0	3 530.0	1 111.9	657.1	TOTAL
MEAN	2.48	2.05	1.88	2.42	224	69.6	77.1	28.5	37.0	114	37.1	21.2	MEAN
MAX	2.80	2.20	1.90	4.60	648	110	134	64.5	61.2	160	64.0	25.0	MAX
MIN	2.20	1.90	1.85	1.85	8.00	42.4	43.0	14.8	14.8	60.0	25.0	17.0	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 52.0
MAXIMUM DAILY, 648 ON MAY 9
MINIMUM DAILY, 1.85B ON MAR 21

SUMMARY FOR THE YEAR 1981

TYPE OF GAUGE - RECORDING
LOCATION - LAT 62 38 50 N
LONG 122 54 15 W
DRAINAGE AREA, 21 600 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	6 650	JUL	206 000
FEB	4 950	AUG	76 300
MAR	5 040	SEP	95 800
APR	6 280	OCT	305 000
MAY	600 000	NOV	96 100
JUN	180 000	DEC	56 800

TOTAL DISCHARGE, 1 640 000 dam³

NORTHWEST TERRITORIES

WRIGLEY RIVER NEAR THE MOUTH - STATION NO. 10HB003

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1981

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	0B	0B	0B	0 B	24.4 B	4.23	2.84	7.05	1.10	2.34	1.45 B	0.250B	1
2	0B	0B	0B	0 B	46.7 B	4.59	2.67	6.71	1.11	5.86	1.27 B	0.250B	2
3	0B	0B	0B	0 B	68.6 B	4.62	2.56	5.92	1.09	7.32	1.21 B	0.200B	3
4	0B	0B	0B	0 B	75.8 B	4.45	2.46	5.27	1.09	6.11	1.09 B	0.200B	4
5	0B	0B	0B	0 B	71.9 B	3.96	2.48	4.81	1.10	5.41	1.01 B	0.200B	5
6	0B	0B	0B	0 B	51.0 B	3.44	2.55	4.49	1.10	5.54	0.950B	0.200B	6
7	0B	0B	0B	0 B	37.0 B	3.07	2.60	4.12	1.11	5.84	0.900B	0.200B	7
8	0B	0B	0B	0 B	30.3 B	2.80	2.64	3.64	1.11	4.83	0.800B	0.150B	8
9	0B	0B	0B	0 B	25.4 B	2.58	2.75	3.27	1.18	4.18	0.750B	0.150B	9
10	0B	0B	0B	0 B	22.6 B	2.27	2.79	2.83	1.20	3.97	0.700B	0.150B	10
11	0B	0B	0B	0 B	17.0 B	2.04	2.75	2.42	1.29	3.69	0.600B	0.150B	11
12	0B	0B	0B	0 B	13.0 B	1.83	2.65	2.26	1.60	3.35	0.550B	0.150B	12
13	0B	0B	0B	0 B	12.7 B	1.65	2.43	2.10	1.71	3.12	0.500B	0.150B	13
14	0B	0B	0B	0 B	12.6 B	1.56	2.16	1.93	2.60	2.96	0.500B	0.100B	14
15	0B	0B	0B	0 B	15.0 B	1.53	2.15	1.91	3.31	2.89	0.500B	0.100B	15
16	0B	0B	0B	0 B	17.0 B	1.36	2.07	1.79	3.21	2.95	0.450B	0.100B	16
17	0B	0B	0B	0 B	20.0 B	1.28	2.03	1.71	2.87	3.00	0.400B	0.078B	17
18	0B	0B	0B	0 B	18.0 B	1.15	1.93	1.62	2.52	3.17	0.400B	0.050B	18
19	0B	0B	0B	0 B	16.9	1.11	1.99	1.62	2.31	3.55	0.350B	0.050B	19
20	0B	0B	0B	0 B	14.3	1.08	2.30	1.65	2.25	3.22	0.350B	0.050B	20
21	0B	0B	0B	0 B	13.1	1.05	2.67	1.59	2.05	3.24	0.350B	0.050B	21
22	0B	0B	0B	0 B	10.9	1.09	11.8	1.52	1.89	4.09B	0.350B	0.050B	22
23	0B	0B	0B	0.100B	10.0	1.17	28.2	1.43	1.83	5.00B	0.300B	0.010B	23
24	0B	0B	0B	0.150B	9.03	1.56	19.9	1.35	1.69	4.66B	0.300B	0.010B	24
25	0B	0B	0B	0.300B	7.91	1.89	14.4	1.28	1.58	4.20B	0.300B	0.010B	25
26	0B	0B	0B	0.500B	7.08	2.00	11.3	1.22	1.59	3.52B	0.300B	0.005B	26
27	0B	0B	0B	0.700B	6.15	2.08	9.78	1.19	1.60	3.03B	0.300B	0.005B	27
28	0B	0B	0B	1.22 B	5.43	2.11	9.58	1.12	1.58	2.54B	0.300B	0.005B	28
29	0B		0B	3.25 B	5.37	2.29	8.65	1.09	1.56	2.18B	0.300B	0.005B	29
30	0B		0B	9.80 B	5.10	2.76	7.62	1.07	1.61	1.88B	0.250B	0.005B	30
31	0B		0B		4.49		7.12	1.08		1.66B		0.005B	31
TOTAL	0	0	0	16.020	694.76	68.60	179.82	81.06	51.84	119.30	17.780	3.088	TOTAL
MEAN	0	0	0	0.534	22.4	2.29	5.80	2.61	1.73	3.85	0.593	0.100	MEAN
MAX	0	0	0	9.80	75.8	4.62	28.2	7.05	3.31	7.32	1.45	0.250	MAX
MIN	0	0	0	0	4.49	1.05	1.93	1.07	1.09	1.66	0.250	0.005	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 3.38
MAXIMUM DAILY, 75.8B ON MAY 4
MINIMUM DAILY, 0B ON JAN 1

SUMMARY FOR THE YEAR 1981

TYPE OF GAUGE - RECORDING
LOCATION - LAT 63 11 30 N
LONG 123 41 30 W
DRAINAGE AREA, 1 260 km²

B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	0	JUL	15 500
FEB	0	AUG	7 000
MAR	0	SEP	4 480
APR	1 380	OCT	10 300
MAY	60 000	NOV	1 540
JUN	5 930	DEC	267

TOTAL DISCHARGE, 106 000 dam³

YATHKYED LAKE NEAR KAZAN RIVER INLET - STATION NO. 06LC004

DAILY WATER LEVEL IN METRES FOR 1981

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	---	---	---	---	198.544	198.415	---	---	---	---	1
2	---	---	---	---	---	---	198.540	198.408	---	---	---	---	2
3	---	---	---	---	---	---	198.526	198.390	---	---	---	---	3
4	---	---	---	---	---	---	198.548	198.365	---	---	---	---	4
5	---	---	---	---	---	---	198.543	198.354	---	---	---	---	5
6	---	---	---	---	197.531A	---	198.535	198.336	---	---	---	---	6
7	---	---	---	---	---	---	198.551	198.305	---	---	---	---	7
8	---	---	---	---	---	---	198.564	198.296	---	---	---	---	8
9	---	---	---	---	---	---	198.590	198.274	---	---	---	---	9
10	---	---	---	---	---	---	198.604	198.248	---	---	---	---	10
11	---	---	---	---	---	---	198.585	198.198	---	---	---	---	11
12	---	---	---	---	---	---	198.595	198.202	---	---	---	---	12
13	---	---	---	---	---	---	198.622	198.209	---	---	---	---	13
14	---	---	---	---	---	---	198.611	198.175	---	---	---	---	14
15	---	---	---	---	---	---	198.611	198.148	---	---	---	---	15
16	---	---	---	---	---	---	198.625	198.136	---	---	---	---	16
17	---	---	---	---	---	---	198.611	198.121	---	---	---	---	17
18	---	---	---	---	---	---	198.589	198.108	---	---	---	---	18
19	---	---	---	---	---	---	198.586	198.096	---	---	---	---	19
20	---	---	---	---	---	---	198.600	198.096	---	---	---	---	20
21	---	---	---	---	---	---	198.589	198.071	---	---	---	---	21
22	---	---	---	---	---	---	198.566	198.052	---	---	---	---	22
23	---	---	---	---	---	197.430A	198.554	198.007	---	---	---	---	23
24	---	---	---	---	---	198.455	198.545	198.001	---	---	---	---	24
25	---	---	---	---	---	198.459	198.539	197.984	---	---	---	---	25
26	---	---	---	---	---	198.456	198.506	197.956	---	---	---	---	26
27	---	---	---	---	---	198.484	198.482	197.977	---	---	---	---	27
28	---	---	---	---	---	198.505	198.457	197.952	---	---	---	---	28
29	---		---	---	---	198.521	198.429	197.945A	---	---	---	---	29
30	---		---	---	---	198.531	198.428	197.960E	---	---	---	---	30
31	---		---		---		198.427	197.950E		---		---	31
MEAN	---	---	---	---	---	---	198.552	198.153	---	---	---	---	MEAN
MAX	---	---	---	---	---	---	198.625	198.415	---	---	---	---	MAX
MIN	---	---	---	---	---	---	198.427	197.945	---	---	---	---	MIN

SUMMARY FOR THE YEAR 1981

TYPE OF GAUGE - RECORDING
LOCATION - LAT 62 41 50 N
LONG 98 18 20 W

A - MANUAL GAUGE

E - ESTIMATED

NATURAL FLOW

WATER LEVELS ARE REFERRED TO ASSUMED DATUM

REMARKS - ADDITIONAL RECORD MAY BE OBTAINED FROM HISTORIC FILES

YELLOWKNIFE RIVER AT INLET TO PROSPEROUS LAKE - STATION NO. 07SB003

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1981

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	15.4	14.4	13.2	13.2	10.8	12.5	9.14	9.39	6.61	11.2	12.2	11.1	1
2	15.4	15.2	13.7	13.2	10.8	12.3	11.7	9.39	7.49	13.6	11.2	10.2	2
3	14.6	14.5	13.3	13.2	10.8	12.3	11.0	8.51	6.61	13.4	13.0	11.1	3
4	16.0	14.5	14.0	14.0	9.95	12.3	11.7	9.45	7.49	13.4	12.5	9.41	4
5	16.0	14.5	13.1	13.2	9.95	12.3	10.9	9.45	4.04	13.4	13.1	9.38	5
6	16.7	14.5	13.1	13.2	10.2	12.3	10.9	8.52	7.74	13.5	12.3	10.3	6
7	16.7	14.5	14.0	14.0	10.2	12.3	11.0	9.40	6.87	13.5	13.1	9.41	7
8	16.7	13.7	14.0	11.5	11.8	12.3	10.3	7.64	7.72	13.5	12.1	9.41	8
9	16.7	14.3	13.1	12.4	12.9	12.3	11.2	9.43	6.95	13.5	12.1	9.41	9
10	16.7	14.3	14.0	12.4	14.3	12.3	10.4	9.45	7.77	13.5	12.2	9.38	10
11	16.7	14.1	13.2	12.3	14.3	12.3	9.50	9.45	7.92	13.3	13.2	9.38	11
12	16.4	13.8	14.0	12.3	15.4	12.3	9.50	8.57	7.18	13.3	12.1	9.41	12
13	16.4	13.0	13.2	11.5	14.5	12.0	9.53	9.48	8.17	13.3	11.2	9.41	13
14	15.2	13.0	14.0	11.7	15.4	11.2	8.68	6.79	8.99	12.5	11.2	9.41	14
15	16.1	13.0	13.2	11.7	15.4	11.2	9.56	6.76	9.81	13.3	11.2	9.41	15
16	15.8	13.0	14.0	11.7	15.4	12.1	9.56	7.66	9.98	13.3	11.3	9.35	16
17	15.8	13.1	14.0	11.7	15.4	11.3	9.56	6.79	12.5	13.4	11.3	9.35	17
18	14.7	12.2	13.2	12.5	14.3	11.3	9.56	6.79	11.7	13.4	10.3	9.35	18
19	15.5	12.2	13.2	10.9	14.3	12.1	9.59	7.64	11.7	12.5	11.1	9.35	19
20	15.2	13.0	14.6	11.7	13.8	11.3	8.71	6.73	11.7	13.4	11.1	10.2	20
21	15.2	12.2	13.2	11.7	14.2	11.1	9.59	7.64	11.7	13.4	11.1	9.35	21
22	14.4	13.0	13.3	11.7	14.2	11.9	9.48	6.73	11.7	13.4	10.3	7.63	22
23	15.2	13.0	14.1	11.7	13.0	11.1	9.42	6.64	1.64	13.4	11.2	9.35	23
24	15.2	13.0	14.1	11.7	13.0	11.1	9.42	7.55	2.06	12.6	11.1	9.35	24
25	14.4	13.0	13.0	11.7	16.3	10.9	9.54	6.64	9.47	13.1	10.2	9.35	25
26	14.4	13.2	13.0	11.7	14.6	11.8	9.54	6.64	12.8	13.1	11.1	10.2	26
27	15.2	14.1	13.9	11.7	13.2	11.8	9.47	4.86	13.6	12.3	11.1	9.35	27
28	14.4	13.2	13.0	10.8	12.4	10.9	9.47	5.71	13.6	13.1	9.35	9.35	28
29	14.4		13.0	10.8	12.4	11.0	9.47	7.44	13.6	12.3	9.38	9.35	29
30	11.9		13.9	10.8	12.4	11.8	8.62	6.53	13.6	12.3	10.2	9.35	30
31	14.4		13.0		12.4		9.50	7.41		13.2		10.2	31
TOTAL	477.8	379.5	419.6	362.6	408.00	353.7	305.51	241.08	272.71	406.4	342.83	296.55	TOTAL
MEAN	15.4	13.6	13.5	12.1	13.2	11.8	9.86	7.78	9.09	13.1	11.4	9.57	MEAN
MAX	16.7	15.2	14.6	14.0	16.3	12.5	11.7	9.48	13.6	13.6	13.2	11.1	MAX
MIN	11.9	12.2	13.0	10.8	9.95	10.9	8.62	4.86	1.64	11.2	9.35	7.63	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 11.7
MAXIMUM DAILY, 16.7 ON JAN 6
MINIMUM DAILY, 1.64 ON SEP 23

DATA CONTRIBUTED BY -
COMINCO LIMITED

SUMMARY FOR THE YEAR 1981

TYPE OF GAUGE - POWER PLANT
LOCATION - LAT 62 40 10 N
LONG 114 15 45 W
DRAINAGE AREA, 11 300 km²

REGULATED SINCE 1941

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	41 300	JUL	26 400
FEB	32 800	AUG	20 800
MAR	36 300	SEP	23 600
APR	31 300	OCT	35 100
MAY	35 300	NOV	29 600
JUN	30 600	DEC	25 600

TOTAL DISCHARGE, 369 000 dam³

ZED CREEK NEAR INUVIK - STATION NO. 10ND003

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1981

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	0B	0B	0B	0B	0B	0 B	4.08E	2.98E	2.76	2.35	1.15 B	0.450B	1
2	0B	0B	0B	0B	0B	0.090B	3.95E	2.93E	2.55	2.47	1.12 B	0.430B	2
3	0B	0B	0B	0B	0B	0.270B	3.82E	2.89E	2.45A	2.47	1.08 B	0.414B	3
4	0B	0B	0B	0B	0B	0.580B	3.75E	2.86E	2.40E	2.61B	1.05 B	0.376B	4
5	0B	0B	0B	0B	0B	1.00 B	3.68E	2.82E	2.38E	2.52B	1.02 B	0.342B	5
6	0B	0B	0B	0B	0B	1.24 B	3.63A	2.80E	2.36E	2.43B	0.990B	0.305B	6
7	0B	0B	0B	0B	0B	1.57 B	3.69	2.78E	2.34E	2.37B	0.960B	0.255B	7
8	0B	0B	0B	0B	0B	1.85 B	3.63	2.76E	2.33E	2.30B	0.930B	0.200B	8
9	0B	0B	0B	0B	0B	2.10 B	3.59	2.74E	2.32E	2.23B	0.905B	0.160B	9
10	0B	0B	0B	0B	0B	2.35 B	3.59	2.73E	2.31E	2.17B	0.875B	0.110B	10
11	0B	0B	0B	0B	0B	2.61 B	3.57	2.72E	2.30E	2.10B	0.850B	0.067B	11
12	0B	0B	0B	0B	0B	2.82 B	3.76	2.71E	2.29E	2.03B	0.830B	0.045B	12
13	0B	0B	0B	0B	0B	3.04 B	3.69	2.76A	2.28E	1.97B	0.805B	0.026B	13
14	0B	0B	0B	0B	0B	3.26 B	3.72	2.85	2.27E	1.92B	0.780B	0.010B	14
15	0B	0B	0B	0B	0B	3.45 B	3.57	2.75	2.25E	1.86B	0.755B	0 B	15
16	0B	0B	0B	0B	0B	3.62 B	3.39	2.95	2.23E	1.80B	0.735B	0 B	16
17	0B	0B	0B	0B	0B	3.76 B	3.31	2.93	2.22E	1.75B	0.710B	0 B	17
18	0B	0B	0B	0B	0B	3.87 B	3.47	2.61	2.21E	1.70B	0.685B	0 B	18
19	0B	0B	0B	0B	0B	3.98 B	3.60	2.59	2.19E	1.67B	0.665B	0 B	19
20	0B	0B	0B	0B	0B	4.10 B	3.65	2.47	2.18E	1.62B	0.645B	0 B	20
21	0B	0B	0B	0B	0B	4.16 E	3.46	2.38	2.17E	1.57B	0.625B	0 B	21
22	0B	0B	0B	0B	0B	4.24 E	3.38	2.74	2.16E	1.53B	0.605B	0 B	22
23	0B	0B	0B	0B	0B	4.30 E	3.36	2.60	2.13E	1.49B	0.587B	0 B	23
24	0B	0B	0B	0B	0B	4.35 E	3.28	2.57	2.12E	1.45B	0.570B	0 B	24
25	0B	0B	0B	0B	0B	4.38 E	3.41	2.61	2.10E	1.41B	0.555B	0 B	25
26	0B	0B	0B	0B	0B	4.42 E	3.41	2.53	2.09A	1.37B	0.538B	0 B	26
27	0B	0B	0B	0B	0B	4.42 E	3.31A	2.57	1.93	1.33B	0.523B	0 B	27
28	0B	0B	0B	0B	0B	4.40 E	3.22E	2.66	1.89	1.29B	0.505B	0 B	28
29	0B		0B	0B	0B	4.35 E	3.15E	2.69	2.21	1.25B	0.490B	0 B	29
30	0B		0B	0B	0B	4.23 E	3.08E	2.74	2.37	1.21B	0.470B	0 B	30
31	0B		0B		0B		3.03E	2.96		1.18B		0 B	31
TOTAL	0	0	0	0	0	88.810	109.23	84.68	67.79	57.42	23.008	3.190	TOTAL
MEAN	0	0	0	0	0	2.96	3.52	2.73	2.26	1.85	0.767	0.103	MEAN
MAX	0	0	0	0	0	4.42	4.08	2.98	2.76	2.61	1.15	0.450	MAX
MIN	0	0	0	0	0	0	3.03	2.38	1.89	1.18	0.470	0	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 1.19
MAXIMUM DAILY, 4.42E ON JUN 26
MINIMUM DAILY, 0B ON JAN 1

SUMMARY FOR THE YEAR 1981

TYPE OF GAUGE - RECORDING
LOCATION - LAT 68 57 10 N
LONG 133 23 00 W

A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	0	JUL	9 440
FEB	0	AUG	7 320
MAR	0	SEP	5 860
APR	0	OCT	4 960
MAY	0	NOV	1 990
JUN	7 670	DEC	276

TOTAL DISCHARGE, 37 500 dam³

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ALSEK RIVER ABOVE BATES RIVER	08AB001	2
BABBAGE RIVER BELOW CARIBOU CREEK	10MD002	3
BEAVER RIVER BELOW WHITEFISH RIVER	10BD001	3
BENNETT LAKE AT CARCROSS	09AA004	4
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BONNET PLUME RIVER ABOVE GILLESPIE CREEK	10MB004	5
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